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## Product Datasheet

### Human recombinant PROS1 protein, AF BOB-PROTP07225-5UG

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human recombinant PROS1 protein, AF                                                                                                                                                                                                                           |
| Biozol Catalog Number      | BOB-PROTP07225-5UG                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | PROTP07225-5ug                                                                                                                                                                                                                                                |
| Alternative Catalog Number | BOB-PROTP07225-5UG-5UG                                                                                                                                                                                                                                        |
| Manufacturer               | Boster Bio                                                                                                                                                                                                                                                    |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Application                | Cell Culture                                                                                                                                                                                                                                                  |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | PROS1, also known as protein S, is a vitamin K-dependent protein that plays a crucial role in the regulation of blood coagulation. It functions as a cofactor for protein C, another key player in the coagulation cascade. PROS1 acts as an anticoagulant... |
| Molecular Weight           | The protein has a calculated MW of 82.89 kDa. The protein migrates as 75 kDa under reducing condition (SDS-PAGE analysis).                                                                                                                                    |
| Tag                        | His-SUMO Tag (N-term)                                                                                                                                                                                                                                         |
| UniProt                    | <a href="#">P07225</a>                                                                                                                                                                                                                                        |
| Source                     | Escherichia coli                                                                                                                                                                                                                                              |
| Form                       | The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.                                                                                              |

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|----------|---------------------------------------------------------------------------------------------------------------------------------|
| Sequence | A DNA sequence encoding Human PROS1 Protein (P07225)(Ala42-Ser676) was expressed with polyhistidine-SUMO tag at the N-terminus. |
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