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## Product Datasheet

### Human recombinant PROS1 protein, AF BOB-PROTP07225-20UG

|                            |   |
|----------------------------|---|
| Article Name               | Human recombinant PROS1 protein, AF   |
| Biozol Catalog Number      | BOB-PROTP07225-20UG   |
| Supplier Catalog Number    | PROTP07225-20ug   |
| Alternative Catalog Number | BOB-PROTP07225-20UG-20UG  |
| 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.  |

Sequence

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