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## Product Datasheet

### Protein C, Human USB-P9080

|                            |                                                                                                                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Protein C, Human                                                                                                                                                                                                                                                                                |
| Biozol Catalog Number      | USB-P9080                                                                                                                                                                                                                                                                                       |
| Supplier Catalog Number    | P9080                                                                                                                                                                                                                                                                                           |
| Alternative Catalog Number | USB-P9080-100                                                                                                                                                                                                                                                                                   |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                                                   |
| Category                   | Molekularbiologie                                                                                                                                                                                                                                                                               |
| Product Description        | The vitamin K-dependent zymogen, protein C, is synthesized in the liver as a single chain polypeptide and is subsequently converted to a disulfide linked heterodimer, by removal of a dipeptide (Lys-146 and Arg-147) from the precursor molecule (1,2). ...                                   |
| Molecular Weight           | 62000                                                                                                                                                                                                                                                                                           |
| Purity                     | 95% by SDS-PAGE. Human protein C is prepared from fresh frozen citrated human plasma using a combination of immunoaffinity chromatography (5), and conventional techniques (4,9). Purity is determined by SDS-PAGE analysis and activity is measured using a chromogenic substrate based assay. |
| Form                       | Supplied as a liquid in 50% glycerol/H <sub>2</sub> O.                                                                                                                                                                                                                                          |