

## Product datasheet for **BA1075**

### SERPING1 / C1 Inhibitor Human Protein

#### Product data:

|                        |   |
|------------------------|---|
| Product Type:          | Native Proteins   |
| Description:           | SERPING1 / C1 Inhibitor human protein, 1 mg   |
| Species:               | Human   |
| Protein Source:        | Plasma  |
| Concentration:         | lot specific  |
| Purity:                | >95% pure by SDS-PAGE   |
| Buffer:                | Presentation State: Purified<br>State: Lyophilised<br>Buffer System: 20 mM Potassium Phosphate, pH 7.0, containing 250 mM Potassium Chloride.   |
| Reconstitution Method: | Reconstitute with 116.6 µl distilled water.   |
| Preparation:           | Lyophilised   |
| Note:                  | Caution: All human source materials have tested negative for HIV1 and HIV2 and is non-reactive for anti-HCV and anti-HBc antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.  |
| Storage:               | Store at -80°C. Avoid repeated freezing and thawing.  |
| Stability:             | Shelf life: one year from despatch.   |
| RefSeq:                | <a href="#">NP_000053</a>   |
| Locus ID:              | 710   |
| Cytogenetics:          | 11q12.1   |
| Synonyms:              | C1IN; C1INH; C1NH; HAE1; HAE2   |
| Summary:               | This gene encodes a highly glycosylated plasma protein involved in the regulation of the complement cascade. Its encoded protein, C1 inhibitor, inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. It is synthesized in the liver, and its deficiency is associated with hereditary angioneurotic oedema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform. [provided by RefSeq, May 2020] |
| Protein Families:      | Druggable Genome, Secreted Protein  |



[View online »](#)

Protein Pathways: Complement and coagulation cascades