# Complement 1 Inhibitor (C1INH) Recombinant Protein | C1INH recombinant protein

Recombinant Complement 1 Inhibitor (C1INH)

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA153314** | **E coli** | **Western Blot, SDS-Page** |

## PRODUCT SYNONYMS

Complement 1 Inhibitor (C1INH); Recombinant Complement 1 Inhibitor (C1INH); Complement 1 Inhibitor; C1INH recombinant protein (prokaryotic); Mouse; SERPING1; C1IN; C1-INH; C1NH; HAE1; HAE2; Serpin Peptidase Inhibitor Clade G Member 1; Angioedema Hereditary; C1 Inhibitor; C1 Esterase Inhibitor; C1INH recombinant protein

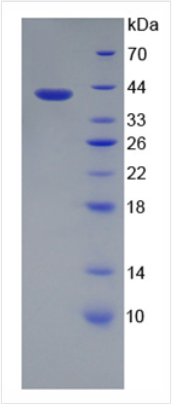
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | E coli |
| **Purity/Purification** | Greater than 95% by SDS-PAGE |
| **Form/Format** | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder |
| **Sequence Positions** | Pro397~Phe495 |
| **Applicable Applications for C1INH recombinant protein** | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control |
| **Expression System** | Prokaryotic expression |
| **Species** | Mouse |
| **Tag** | N-terminal His and GST |
| **Endotoxin Level** | <1.0EU per 1ug (determined by the LAL method) |
| **Isoelectric Point** | 5.2 |
| **Subcellular Location** | Secreted |
| **Research Area** | Infection immunity |
| **Preparation and Storage** | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

## IMAGES

```
                                                  PTYL
TMPHIKVKSS QDMLSVMEKL EFFDFTYDLN LCGLTEDPDL QVSAMKHETV
LELTESGVEA AAASAISFGR SLPIFEVQRP FLFLLWDQQH RFPVF
```

**Amino Acid Info**
Amino Acid info




**SDS-PAGE**
Figure. SDS-PAGE

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Product Categories/Family for C1INH recombinant protein** | Prokaryotic proteins |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 163914390 |
| **NCBI GeneID** | 12258 |
| **NCBI Accession #** | NP_033906.2 |
| **NCBI GenBank Nucleotide #** | NM_009776.3 |
| **UniProt Accession #** | P97290; O88330; Q99M43; Q9QX09; A2ATR7 |
| **Molecular Weight** | 100000 |
| **NCBI Official Full Name** | plasma protease C1 inhibitor |
| **NCBI Official Synonym Full Names** | serine (or cysteine) peptidase inhibitor, clade G, member 1 |
| **NCBI Official Symbol** | Serping1 |
| **NCBI Official Synonym Symbols** | C1nh; C1INH |
| **NCBI Protein Information** | plasma protease C1 inhibitor |
| **UniProt Protein Name** | Plasma protease C1 inhibitor |
| **UniProt Gene Name** | **Serping1** |
| **UniProt Synonym Gene Names** | C1nh; C1 Inh; C1Inh |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/serping1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153314