

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

Recombinant Complement 1 Inhibitor (C1INH)

CATALOG # AAA134475	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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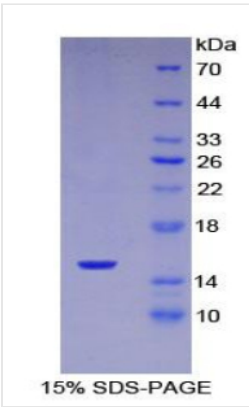
PRODUCT SYNONYMS

Complement 1 Inhibitor (C1INH); Recombinant Complement 1 Inhibitor (C1INH); C1INH recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL.
Concentration	Original Concentration: 200ug/ml (varies by lot)
Sequence	VHQALKGFSS KGVTSVSQIF HSPDLAIRDT YVNASQSLYG SSPRVLGPD S AANLELINTW VAENTNHKIR KLLDSLPSDT CLVLLNAVYL SAKWKITFEP KKMMAPFFYK NSMIKVPMM S
Applicable Applications for C1INH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Val211~Ser331
tAGS	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	10.0
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

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	Predicted Molecular Mass: 14.7kDa Accurate Molecular Mass: 15kDa as determined by SDS-PAGE reducing conditions.
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; C1 Inh; serpin G1; C1-inhibiting factor; C1 esterase inhibitor; complement component 1 inhibitor; serine (or cysteine) proteinase inhibitor, clade G, member 1; serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1
UniProt Protein Name	Plasma protease C1 inhibitor
UniProt Gene Name	Serping1
UniProt Synonym Gene Names	C1nh; C1 Inh; C1Inh
UniProt Entry Name	IC1_MOUSE

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://www.aaabiotech.com/serping1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134475>