

Serpina3c recombinant protein

Serpina3c Protein, Mouse, Recombinant (His Tag)

CATALOG #
AAA258159

HOST
HEK293 Cells

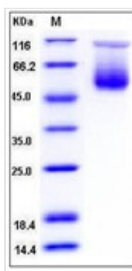
PRODUCT SYNONYMS

Serpina3c; SerpinA3c Protein; Mouse; Recombinant (His Tag); Mouse SerpinA3c Protein (His Tag); 1A1 Protein; Kalbp Protein; Klkbp Protein; MGC144822 Protein; Serpin A3C Protein; Serpina3c Protein; spi2 Protein; serine (or cysteine) peptidase inhibitor; clade A; member 3C; Serpina3c recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH 7.4
Sequence	Met1-Ala417
Source	Mouse
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Asp 23
Tag	C-His
Protein Construction	A DNA sequence encoding the extracellular domain of mouse SERPINA3C (NP_032484.1) precursor (Met 1-Ala 417) was expressed, with a C-terminal polyhistidine tag.
Molecular Mass Note	The secreted recombinant mouse SERPINA3C comprises 406 amino acids with a predicted molecular mass of 46 kDa. As a result of different glycosylation, the apparent molecular mass of rm SERPINA3C is approximately 50-60 kDa and 110 kDa in SDS-PAGE under reducing conditions.
Reconstitution	It is recommended that sterile water (400ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV.
Preparation and Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

References	Irving JA. et al., 2000, Genome Res. 10: 1845-64. Irving J. et al., 2002, Mol Biol Evol 19 (11): 1881-90. Forsyth, S. et al., 2003, Genomics 81: 336-345. Horvath, AJ. et al., 2004, J. Mol. Evol. 59: 488-497. Steenbakkers PJ. et al., 2008, Mycol. Res. 112 (Pt 8): 999-1006.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680586
NCBI GeneID	16625
NCBI Accession #	NP_032484.1
NCBI GenBank Nucleotide #	NM_008458.2
UniProt Accession #	P29621
NCBI Official Full Name	serine protease inhibitor A3C
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade A, member 3C
NCBI Official Symbol	Serpina3c
NCBI Official Synonym Symbols	1A1; spi2; Kalbp; Klkbp
NCBI Protein Information	serine protease inhibitor A3C
UniProt Protein Name	Serine protease inhibitor A3C
UniProt Gene Name	Serpina3c
UniProt Synonym Gene Names	Klkbp; Serpin A3C; KBP

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/serpina3c-recombinant-protein-hek293-cells/258159>