

Recombinant Human SERPINA7 protein, His-tagged

Cat. No. SERPINA7-2342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINA7 protein(NP_000345.2) (Met 1-Ala 415) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-415 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human SERPINA7 comprises 406 amino acids and has a predicted molecular mass of 45.5 kDa. As a result of glycosylation, it migrates as an approximately 55-60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000345.2
Unit ID	P05543
Unit ID-Weblink	http://www.uniprot.org/uniprot/P05543
GENE INFORMATION	
Gene Name	SERPINA7 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7 [Homo sapiens]
Official Symbol	SERPINA7
Synonyms	SERPINA7; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; serine (or cysproteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 7 , TBG; thyroxine-binding globulin; alpha 1 antiproteinase; antitrypsin; thyroxin binding globulin; thyroxine binding globulin; serpin A7; T4-binding globulin; thyroxin-binding globulin; serine (or cysproteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; TBG; FLJ17820;
Gene ID	6906
mRNA Refseq	NM_000354
protein Refseq	NP_000345