

Recombinant Mouse Serpina7 protein(Met1-Gln418), His-tagged

Cat. No. Serpina7-2309M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Serpina7 protein(NP_808588.3)(Met1-Gln418), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gln418
similar	Serpina7
Alias	SERPINA7; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; thyroxine-binding globulin; serpin A7; T4-binding globulin; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antipeptidase, antitrypsin), member 7; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; Tbg; C730040N12Rik;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	

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MolecularMass	The secreted recombinant mouse SERPINA7 comprises 409 amino acids and has a predicted molecular mass of 46.2 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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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.
GeneName	Serpina7 serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7 [Mus musculus]
GeneNameWeblink	331535
OfficialSymbol	Serpina7
OfficialSymbolWeblink	331535
GenelD	331535
GenelDWeblink	331535
mRNARefseq	NM_177920
mRNARefseqWeblink	NM_177920.5

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ProteinRefseqWeblink	NP_808588.3
MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

Synonyms	SERPINA7; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; thyroxine-binding globulin; serpin A7; T4-binding globulin; serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antipeptidase, antitrypsin), member 7; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7; Tbg; C730040N12Rik;
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