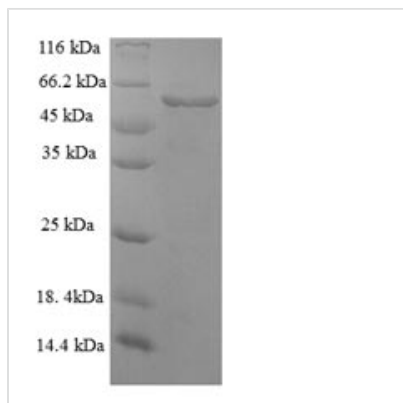




Recombinant Mouse Serpin H1 (Serpinh1)

Product Code	CSB-EP021087MO
Relevance	Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.
Abbreviation	Recombinant Mouse Serpinh1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P19324
Alias	47 kDa heat shock protein Collagen-binding protein Short name: Colligin Serine protease inhibitor J6
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AEVKKPLEAAAPGTAEKLSKATTLAERSTGLAFSLYQAMAKDQAVENILLSPL VVASSLGLVSLGGKATTASQAKAVLSAEKLRDEEVHTGLGELLRSLNSTARN VTWKLGSRLYGSSVSFADDFVRSSKQHYNCEHSKINFRDKRSALQSINEWA SQTTDGKLPEVTKDVERTDGALLVNAMFFKPHWDEKFHHKMVDNRGFMVTR SYTVGVMTMMHRTGLYNYYDDEKEKLMVEMPLAHKLSSLIILMPHHVEPLERL EKLLTKEQLKAWMGKMQKKAVAISLPKGVVEVTHDLQKHLAGLGLTEAIDKNK ADLSRMSGKKDLYLASVFHATAFEWDTEGNPFDQDIYGREELRSPKLFYADH PFIFLVRDNQSGSLLFIGRLVRPKGDKMRDEL
Research Area	Others
Source	E.coli
Target Names	Serpinh1
Protein Names	Recommended name: Serpin H1 Alternative name(s): 47 kDa heat shock protein Collagen-binding protein Short name= Colligin Serine protease inhibitor J6
Expression Region	18-417aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	60.8kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.