

Recombinant Mouse SERPINH1 Protein (18-417 aa), His-SUMO-tagged

Cat. No. SERPINH1-808M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SERPINH1 Protein (18-417 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	E.coli
ProteinLength	18-417 aa
Description	Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	60.8 kDa
AA Sequence	AEVKKPLEAAAPGTAEKLSSKATTLAERSTGLAFSLYQAMAKDQAVENILLSPLVVAS SLGLVSLGGKATTASQAKAVLSAEKLRDEEVHTGLGELLRSLSNSTARNVTWKLGS RLYGPSSVSFADDFVRSSKQHYNCEHSKINFRDKRSALQSINEWASQTTDGLPEV TKDVERTDGALLVNAMFFKPHWDEKFHHKMVDNRGFMVTRSYTVGV TMMHRTGL YNYDDEKEKLQMVEMPLAHKLSSLIILMPHHVEPLERLEKLLTKEQLKAWMGKMQK KAVAILSPKGVVEVTHDLQKHLAGLGLTEAIDKNKADLSRMSGKKDLYLASVFHATAF EWDTEGNPFDQDIYGREELRSPKLFYADHPFIFLVRDNQSGSLLFIGRLVRPKGDKM

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

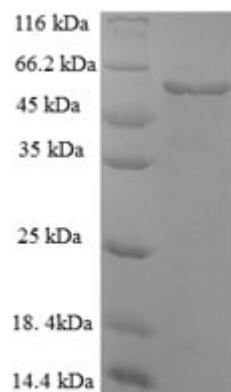
GENE INFORMATION

Gene Name	Serpinh1 serine (or cysteine) peptidase inhibitor, clade H, member 1 [<i>Mus musculus</i>]
Official Symbol	SERPINH1
Synonyms	SERPINH1; serpin H1; J6; Cbp1; Cbp2; gp46; Hsp47; BERF-1; Serpinh2; colligin;
Gene ID	12406
mRNA Refseq	NM_001111043
Protein Refseq	NP_001104513
UniProt ID	P19324

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

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