

Recombinant Mus musculus Serpin H1

Catalog No: #AP72778

Package Size: #AP72778-1 20ug #AP72778-2 100ug #AP72778-3 1mg

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Description

Product Name	Recombinant Mus musculus Serpin H1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:18-417aaSequence Info:Full Length
Other Names	7KDA heat shock protein Collagen-binding protein Short name: Colligin Serine protease inhibitor J6
Accession No.	P19324
Uniprot	P19324
GeneID	12406;
Calculated MW	46.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AEVKKPLEAAAPGTAEKLSKATTLAERSTGLAFSLYQAMAKDQAVENILLSPLVASSLGLVSLGGKATTASQ AKAVLSAEKLRDEEVHTGLGELLRSLNSNSTARNTWKLGSRLYGPSSVSFADDFRSSKQHYNCEHSKINFR DKRSALQSINEWASQTTDGKLPEVTKDVERTDGALLVNAMEFFKPHWDEKFHHKMVDNRGFMVTRSYTVGVT MMHRTGLYNYDDEKEKLMVEMPLAHKLSLILMPHHVEPLERLEKLLTKEQLKAWMGKMQKKAIVSLPK GVVEVTHDLQKHLAGLGLTEAIDKNKADLSRMSGKLDLYLASFHATAFEWDTEGNPFDDIYGREELRSPKL FYADHPFIFLVRDNQSGSLLFIGRLVRPKGDKMRDEL
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.

References

"The transcriptional landscape of the mammalian genome."Carninci P., Kasukawa T., Katayama S., Gough J., Frith M.C., Maeda N., Oyama R., Ravasi T., Lenhard B., Wells C., Kodzius R., Shimokawa K., Bajic V.B., Brenner S.E., Batalov S., Forrest A.R., Zavolan M., Davis M.J. Hayashizaki Y.Science 309:1559-1563(2005) Research Topic:Others

Note: This product is for in vitro research use only