

Recombinant Mouse Serpin H1(Serpinh1)

Catalog No: #AP70769

Package Size: #AP70769-1 20ug #AP70769-2 100ug #AP70769-3 1mg

Description

Product Name	Recombinant Mouse Serpin H1(Serpinh1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:18-417aaSequence Info:Full Length
Other Names	47KDA heat shock protein Collagen-binding protein Short name: Colligin Serine protease inhibitor J6
Accession No.	P19324
Calculated MW	60.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AEVKKPLEAAAPGTAEKLSSKATTLAERSTGLAFSLYQAMAKDQAVENILLSPLVVASSLGLVSLGGKATTASQ AKAVLSAEKLRDEEVHTGLGELLRLSNSTARNVTWKLGSRLYGPSSVSFADDFVRSSKQHYNCEHSKINFR DKRSALQSINEWASQTTDGKLPEVTKDVERTDGALLVNAMFFKPHWDEKFHHKMVDNRGFMVTRSYTVGVT MMHRTGLYNYDDEKEKLQMVEMPLAHLSSLIILMPHHVEPLERLEKLLTKEQLKAWMGKMQKKAIVSLPK GVVEVTHDLQKHLAAGLGLTEAIDKNKADLSRMSGKKDLYLASVFHATAFEWDTEGNPFDQDIYGREELRSPKL 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

"Lineage-specific biology revealed by a finished genome assembly of the mouse."Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.