

SERPINH1 recombinant protein

Recombinant Human SERPINH1 Protein

CATALOG # AAA263282	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

SERPINH1; Recombinant Human SERPINH1 Protein; CBP1; CBP2; HSP47; SERPINH2; Serpin H1; 47 kDa heat shock protein; Arsenic-transactivated protein 3; AsTP3; Cell proliferation-inducing gene 14 protein; Collagen-binding protein; Colligin; Rheumatoid arthritis-related antigen RA-A47; SERPINH1 recombinant protein

PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 uM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Sequence	AEVKKPAAAA APGTAEKLSP KAATLAERSA GLAFSLYQAM AKDQAVENIL VSPVVVASSL GLVSLGGKAT TASQAKAVLS AEQLRDEEVH AGLGELLRL SNSTARNVTW KLGSRLYGPS SVSFADDFVR SSKQHYNCEH SKINFRDKRS ALQSINEWAA QTTDGKLPEV TKDVERTDGA LLVNAMFFKP HWDEKFHHKM VDNRGFMVTR SYTVGVMMMH RTGLYNYDD EKEKLQIVEM PLAHKLSSLI ILMPHHVEPL ERLEKLLTKE QLKIWMGKMQ KKAVAILPK GVVEVTHDLQ KHLAGLGLTE AIDKNKADLS RMSGKKDLYL ASVFHATAFE LDTDGNPFDQ DIYGREELRS PKLFYADHPF IFLVRDTQSG SLLFIGRLVR PKGDKMRDEL VDHHHHHH
Sequence Length	418
Applicable Applications for SERPINH1 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Source	Human cells
Endotoxin	Less than 0.1 ng/mug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for SERPINH1 recombinant protein	Recombinant Human SERPINH1 Protein is produced by our Mammalian expression system and the target gene encoding Ala19-Leu418 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333360851
NCBI GeneID	871
NCBI Accession #	NP_001193943.1
NCBI GenBank Nucleotide #	NM_001207014.1
UniProt Accession #	P50454; P29043; Q5XPB4; Q6NSJ6; Q8IY96; Q9NP88; B3KVJ3

NCBI Official Full Name	serpin H1
NCBI Official Synonym Full Names	serpin family H member 1
NCBI Official Symbol	SERPINH1
NCBI Official Synonym Symbols	CBP1; CBP2; OI10; gp46; AsTP3; HSP47; PIG14; PPRM; RA-A47; SERPINH2
NCBI Protein Information	serpin H1
UniProt Protein Name	Serpin H1
UniProt Gene Name	SERPINH1
UniProt Synonym Gene Names	CBP1; CBP2; HSP47; SERPINH2; AsTP3; Colligin
UniProt Entry Name	SERPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/serpinh1-recombinant-protein-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263282>