

Serpin H1 (SERPINH1) Recombinant Protein | SERPINH1 recombinant protein

Recombinant Chicken Serpin H1 (SERPINH1)

CATALOG #
AAA113665

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Serpin H1 (SERPINH1); Recombinant Chicken Serpin H1 (SERPINH1); SERPINH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	16-405aa; Full Length of Mature Protein
Sequence	VPSEDRKLS D KATTLADRST TLA FNLYHAM AKDKNMENIL LSPVVVASSL GLVSLGGKAT TASQAKAVLS ADKLND D YVH SGLSELLNEV SNSTARNVTW KIGNRLYGPA SINFADDFVK NSKKHYNYEH SKINFRDKRS ALKSIN EWAA QTTDGKLPEV TKDVEKTDGA LIVNAMFFKP HWDEKFHHKM VDNRGFMVTR SYTVGVPM MH RTGLYNYDD EAEKLQVVEM PLAHKLSSMI FIMPNHVEPL ERVEKLLNRE QLKTWASKMK KRSVAISLPK VVLEVSHDLQ KHLADLGLTE AIDKTKADLS KISGKKDLYL SNVFHAAALE WDTDGNPYDA DIYGREEMRN PKLFYADHPF IFMIKDSKTN SILFIGRLVR PKGDKMRDEL
Species	Chicken
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for SERPINH1 recombinant protein	This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. Its expression is induced by heat shock. The protein localizes to the endoplasmic reticulum lumen and binds collagen; thus it is thought to be a molecular chaperone involved in the maturation of collagen molecules. Autoantibodies to this protein have been found in patients with rheumatoid arthritis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45384240
NCBI GeneID	396228
NCBI Accession #	NP_990622.1
NCBI GenBank Nucleotide #	NM_205291.1
UniProt Accession #	P13731; P29042
Molecular Weight	45,682 Da
NCBI Official Full Name	serpin H1
NCBI Official Synonym Full Names	serpin family H member 1
NCBI Official Symbol	SERPINH1
NCBI Official Synonym Symbols	HSP47

NCBI Protein Information	serpin H1
UniProt Protein Name	Serpin H1
UniProt Gene Name	SERPINH1
UniProt Synonym Gene Names	HSP47; Colligin

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serpinh1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113665>