

Recombinant Full Length Human SERPINH1, GST-tagged

Cat. No. SERPINH1-2602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINH1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-418 a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SERPINH1 serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) [Homo sapiens]
Official Symbol	SERPINH1
Synonyms	SERPINH1; serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1); CBP1, CBP2, serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) , serine (or

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cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 2 , SERPINH2; serpin H1; colligen; HSP47; colligin-1; colligin-2; 47 kDa heat shock protein; arsenic-transactivated protein 3; rheumatoid arthritis antigen A-47; cell proliferation-inducing gene 14 protein; rheumatoid arthritis-related antigen RA-A47; serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1); serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 2, (collagen-binding protein 2); CBP1; CBP2; OI10; gp46; AsTP3; PIG14; PPROM; RA-A47; SERPINH2;

Gene ID	871
mRNA Refseq	NM_001207014
Protein Refseq	NP_001193943
MIM	600943
UniProt ID	P50454
Chromosome Location	11q13.5
Pathway	Endochondral Ossification, organism-specific biosystem;
Function	collagen binding; serine-type endopeptidase inhibitor activity;