

Recombinant Human SERPINI2 protein, T7/His-tagged

Cat. No. SERPINI2-59H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human SERPINI2 cDNA (19 - 405 aa, Isoform-II, derived from BC027859) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-405 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGGQQMGRGRHHHHHHENLYFQGGEFCSAMKNTEFAVDLYQEVSLSHKDNII FSPLGITLVLEMVQLGAKGK AQQQIRQTLKQQETSAGEEFFVLKSFFSAISEKKQEF TFNLANALYLQEGFTVKEQYLHGNKEFFQSAIKLVDFQ DAKACAEMISTWVERKTD GKIKDMFSGEEFGPLTRLVLVNAIYFKGDWKQKFRKEDTQLINFTKKNGSTVKIPMM KALLRTKYGYFSESSLNYQVLELSYKGFDEFSLIIILPAEGMDIEEVEKLITAQQILKWLS EMQEEVEISLPRFK VEQKVDFKDVLYSLNITEIFSGGCDLSGITDSSEVYVSQVTQK VFFEINEDGSEAATSTGIHIPVIMSLAQSQFI ANHPFLFIMKHNPTESILFMGRVTNPD TQEIKGRDLDSL
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro SERPINI2 mediated cancer cell metastasis regulation

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study with this protein as either coating matrix protein or soluble factor.² May be used as SERPINI2 protein-protein interaction assay.³ As enzymatic substrate for various proteases.⁴ As antigen for specific antibody production.

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION

Gene Name SERPINI2 serpin peptidase inhibitor, clade I (pancpin), member 2 [Homo sapiens]

Official Symbol SERPINI2

Synonyms SERPINI2; serpin peptidase inhibitor, clade I (pancpin), member 2; PI14, serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 2 , serine (or cysteine) proteinase inhibitor, clade I (pancpin), member 2; serpin I2; MEPI; PANCPIN; pancp

Gene ID 5276

mRNA Refseq NM_006217

Protein Refseq NP_006208

MIM 605587

UniProt ID O75830

Chromosome Location 3q26

Function peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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