

Recombinant Human SERPINB4 Protein, His-tagged

Cat. No. SERPINB4-130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINB4(Ser320~Pro390) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser320~Pro390
Description	The protein encoded by this gene is a member of the serpin family of serine protease inhibitors. The encoded protein is highly expressed in many tumor cells and can inactivate granzyme M, an enzyme that kills tumor cells. This protein, along with serpin B3, can be processed into smaller fragments that aggregate to form an autoantigen in psoriasis, probably by causing chronic inflammation.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	9.3kDa
Identity	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	SERPINB4 serpin peptidase inhibitor, clade B (ovalbumin), member 4 [Homo sapiens]
Official Symbol	SERPINB4
Synonyms	SERPINB4; serpin peptidase inhibitor, clade B (ovalbumin), member 4; SCCA2, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4; serpin B4; LEUPIN; PI11; SCCA 2; SCCA1; squamous cell carcinoma antigen 2; PI-11; peptidase inhibitor 11; SCCA2/SCCA1 fusion protein; squamous cell carcinoma antigen 1; protease inhibitor (leucine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4; SCCA2; SCCA-2;
Gene ID	6318
mRNA Refseq	NM_002974

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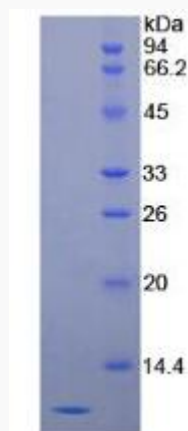
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Protein Refseq NP_002965

MIM 600518

UniProt ID P48594



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