

Product datasheet for **TP790064**

SERPINB4 (NM_002974) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human serpin peptidase inhibitor, clade B (ovalbumin), member 4 (SERPINB4), with N-terminal HIS tag, expressed in HEK293, 50ug
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC205612, encoding human full-length SERPINB4
Tag:	N-His
Predicted MW:	44.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 90% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002965
Locus ID:	6318
UniProt ID:	P48594
RefSeq Size:	1787
Cytogenetics:	18q21.33
RefSeq ORF:	1170
Synonyms:	LEUPIN; PI11; SCCA-2; SCCA1; SCCA2



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Summary:

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. [provided by RefSeq, Jan 2017]

Protein Families:

Druggable Genome, Secreted Protein

Product images: