

## Product datasheet for **AR51729PU-S**

### SERPINB8 (1-374, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SERPINB8 (1-374, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMDLCEA NGTFAISLFK ILGEEDNSRN VFFSPMSISS ALAMVFMGAK GSTAAQMSQA LCLYKGDGDIH RGFQSLLESEV NRTGTQYLLR TANRLFGEKT CDFLPDFKEY CQKFYQAELE ELSFAEDTEE CRKHINDWVA EKTEGKISEV LDAGTVDPLT KLVLVNAIYF KGGWNEQFDR KYTRGMLFKT NEEKKTVMQMM FKEAKFKMGY ADEVHTQVLE LPYVEEELSM VILLPDDNTD LAVVEKALTY EKFKAWTNSE KLTKSKVQVF LPRLKLEESY DLEPFLRRLG MIDAFDEAKA DFSGMSTEKN VPLSKVAHKC FVEVNEEGTE AAAATAVVRN SRCSRMEPRF CADHPFLFFI RHHKTNILF CGRFSSP
Tag:	His-tag
Predicted MW:	45.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SERPINB8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001027018</a>
Locus ID:	5271
UniProt ID:	<a href="#">P50452</a> , <a href="#">Q8N178</a>



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Cytogenetics: 18q22.1

Synonyms: C18orf53; CAP2; PI-8; PI8; PSS5

Summary: The protein encoded by this gene is a member of the ov-serpin family of serine protease inhibitors. The encoded protein is produced by platelets and can bind to and inhibit the function of furin, a serine protease involved in platelet functions. In addition, this protein has been found to enhance the mechanical stability of cell-cell adhesion in the skin, and defects in this gene have been associated with an autosomal-recessive form of exfoliative ichthyosis. [provided by RefSeq, Jan 2017]

Protein Families: Druggable Genome

### Product images:

