

Product datasheet for AR51729PU-N

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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

Product data:

Product Type: Recombinant Proteins

Description: SERPINB8 (1-374, His-tag) human recombinant protein, 0.5 mg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MGSMDDLCEA NGTFAISLFK ILGEEDNSRN VFFSPMSISS or AA Sequence: ALAMVFMGAK GSTAAQMSQA LCLYKDGDIH RGFQSLLSEV NRTGTQYLLR TANRLFGEKT

CDFLPDFKEY CQKFYQAELE ELSFAEDTEE CRKHINDWVA EKTEGKISEV LDAGTVDPLT KLVLVNAIYF

KGKWNEQFDR KYTRGMLFKT NEEKKTVQMM FKEAKFKMGY ADEVHTQVLE LPYVEEELSM

VILLPDDNTD LAVVEKALTY EKFKAWTNSE KLTKSKVQVF LPRLKLEESY DLEPFLRRLG MIDAFDEAKA

DFSGMSTEKN VPLSKVAHKC FVEVNEEGTE AAAATAVVRN SRCSRMEPRF CADHPFLFFI

RHHKTNCILF 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

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.

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid Storage:

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001027018

Locus ID: 5271

UniProt ID: P50452, Q8N178





Cytogenetics: 18q22.1

Synonyms: C18orf53; CAP2; PI-8; PIS5

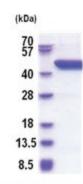
Summary: The protein encoded by this gene is a member of the ov-serpin family of serine protease

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:



15% SDS-PAGE (3ug)