

Datasheet for ABIN7546267
SERPINB3 Protein (AA 1-390) (His tag)



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Overview

Quantity:	1 mg
Target:	SERPINB3
Protein Characteristics:	AA 1-390
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SERPINB3 Protein expressed in mammalian cells.
Sequence:	MNSLSEANTK FMFDLFQQFR KSKENNIFYS PISITSALGM VLLGAKDNTA QQIKKVLHFD QVTENTTGKA ATYHVDRSGN VHHQFQKLLT EFNKSTDAYE LKIANKLFGK KYLFLQEYL DAIKKFYQTS VESVDFANAP EESRKKINSW VESQTNEKIK NLIPEGNIGS NTTLLVLVNAI YFKGQWEKKF NKEDTKKEEF WPNKNTYKSI QMMRQYTSFH FASLEDVQAK VLEIPYKGGK LSMIVLLPNE IDGLQKLEEK LTAEKLMWEW SLQNMRETRV DLHLPRFKVE ESYDLKDTLR TMGMVDIFNG DADLSGMTGS RGLVLSGVLH KAFVEVTEEG AAAAAATAVV GFGSSPTSTN EEFHCNHPFL FFIRQNKTN ILFYGRFSSP Sequence without tag. The proposed Purification- Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

SERPINB3

Alternative Name:

SERPINB3 ([SERPINB3 Products](#))

Background:

Serpin B3 (Protein T4-A) (Squamous cell carcinoma antigen 1) (SCCA-1),FUNCTION: May act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. Also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1). {ECO:0000269|PubMed:19166818}.

Molecular Weight:

44.6 kDa

UniProt:

[P29508](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months