

Datasheet for ABIN7557625  
**SERPINB6 Protein (AA 1-378) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SERPINB6
Protein Characteristics:	AA 1-378
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB6 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Serpinb6 Protein expressed in mammalian cells.
Sequence:	MDPLQEANGT FALNLLKILG EDSSKNVFLS PMSISSALAM VFMGAKGTTA SQMAQALALD KCSGNGGGDV HQGFQSLLTE VNKTGTQYLL RTANRLF GDK TCDLLASFKD SCLKFYEAEL EELDFQGATE ESRQHINTWV AKKTEDKIKE VLSPGTVNSD TSLVLVNAIY FKG NWEKQFN KEHTREMPFK VSKNEEKPVQ MMFKKSTFKM TYIGEIFTKI LLLPYVSSSEL NMIIMLPDEH VELSTVEKEV TYEKFIEWTR LDKMDEEEVE VFLPKFKLEE NYNMNDALYK LGMTDAFGGR ADFGMSSKQ GLFLSKVWHK AFVEVNEEGT EAAAATAGMM TVRCMRFTPR FCADHPFLFF IHHVKTNGIL FCGRFSSP <b>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.</b>
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.
Characteristics:	Key Benefits:

## Product Details

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- 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.

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

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## Target Details

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Target:	SERPINB6
Alternative Name:	Serpinb6 ( <a href="#">SERPINB6 Products</a> )
Background:	Serpin B6 (Placental thrombin inhibitor) (Proteinase inhibitor 6) (PI-6),FUNCTION: Inhibitor of cathepsin G, kallikrein-8 and thrombin. May play an important role in the inner ear in the protection against leakage of lysosomal content during stress. May be involved in the regulation of serine proteinases present in the brain or extravasated from the blood. {ECO:0000269 PubMed:17761692}.
Molecular Weight:	42.6 kDa
UniProt:	<a href="#">Q60854</a>

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## Application Details

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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

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## Handling

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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