

Datasheet for ABIN7590758

SERPINB10 Protein (AA 1-397) (His tag)



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Overview

Quantity:	100 µg
Target:	SERPINB10
Protein Characteristics:	AA 1-397
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASLAVSINQ FAVEFSKKLA ESAEGRNIFF SPWGISTSLA MVYLGTKGTT AAQMSQVLHF GSIQDFKFGP DSEKKRKMEC HSGKSEEMQS DFQTLTAKIL KHGNSYVLKI ANRIYVEKTY LFHNKYLEDM KTYFGAEPQS VNFVEASGQI RKEINSWVGS QTGDKIPNLL PDDAVDNKTT MVLVNALYFK GTWEHQFSVQ NTTERPFRIN KTTSKPVQMM SMKQSLQVFH IEELQTIGVQ LHYQNREFSL LLLLPEEVEG LKQLERAITY EKLDKWTSAD MMDTYEVRLY LPKFKMEESY DLQSALRDMG MTDAFNQGKA NFSNMTSERN LFLSNVFHKT FLEINEEGTE AAAGTGSEVN FRIKAPSIEL NADHPFLFLI RHNVTNTILF DGRFYSP
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SERPINB10
Alternative Name:	Serpin B10 (Serpib10) (SERPINB10 Products)
Background:	Recommended name: Serpin B10. Alternative name(s): TGF-beta-repressible serine proteinase inhibitor. Short name= Trespri Transforming growth factor beta repressible serpin
UniProt:	Q8K3K4

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.