

Datasheet for ABIN1634782

SERPINA3 Protein (AA 24-423) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SERPINA3
Protein Characteristics:	AA 24-423
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>HPNCPLD EENPTQENQD RGTHVDLGLA STNVDAFSL YKQLVLKAPD KNVIFSPLSI</p> <p>STALAFSLSG AHNTTLTEIL TGLRFNLTET SEAEIHQSFQ HLLRTLNQSS DELQLSMGNA</p> <p>MFVEEQLSLL DRFMEDAKRL YGSEAFATDF QDSAAAKKLI NDYVKNRTRG KITDLIKDLD</p> <p>SQTMMVLVNY IFFKAKWKMP FDPQDTHQSR FYLSKKKWVM VPMMSLHHLT TPYFRDEELS</p> <p>CTVVELKYTG NASALFILPD QDKMEEVEAM LLPETLKRWR DSLEFRRIDE LYLPKFSISR</p> <p>AFNLENILLQ LGIVEFTSK ADLSGITGAR NLVVSQVWHK AVLDVFEEST EASAATAVKI</p> <p>TLLSALVDPM TIVRFNRPFLL MIIVPTDTQN LLFISKVINP KQA</p>
Specificity:	Pongo abelii (Sumatran orangutan)
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:	SERPINA3
Alternative Name:	Alpha-1-antichymotrypsin (SERPINA3) (SERPINA3 Products)
Background:	Recommended name: Alpha-1-antichymotrypsin. Short name= ACT. Alternative name(s): Serpin A3
UniProt:	Q5R536

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.