Datasheet for ABIN1474393

SERPINA7 Protein (AA 21-418) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	SERPINA7
Protein Characteristics:	AA 21-418
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINA7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	APHNSSEGKV TTCHLPQQNA TLYKMPSINA DFAFRLYRKL SVENPDLNIF FSPVSISAAL AMLSFGSGSS TQTQILEVLG FNLTDTPVKE LQQGFQHLIC SLNFPNNELE LQMGNAVFIG QQLKPLAKFL DDVKTLYETE VFSTDFSNVS AAQHEINSYV EKQTKGKIVG LIQDLKLNII MILVNYIHFK AQWANPFRVS KTEESSNFSV DKSTTVQVPM MHQLEQYYHY VDVELNCTVL QMDYSANALA LFVLPKEGHM EWVEAAMSSK TLKKWNHLLQ KGWVELFVPK FSISATYDLG STLQKMGMRD AFAESADFPG ITKDNGLKLS YAFHKAVLHI GEEGTKEGAS PEAGSLDQPE VAPLHAVIRL DRTFLLMILE KRTRSVLFLG KVVDPTKE
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SERPINA7
Alternative Name:	Thyroxine-binding globulin (Serpina7) (SERPINA7 Products)
Background:	Recommended name: Thyroxine-binding globulin. Alternative name(s): Serpin A7 T4-binding globulin
UniProt:	P35577
Pathways:	Hormone Transport

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 modificated 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.