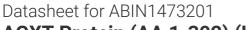
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AGXT Protein (AA 1-392) (His tag)



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Quantity:	1 mg
Target:	AGXT
Protein Characteristics:	AA 1-392
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGXT protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	MASRQLLVAP PEALRKPLCT PHRLLLGPGP SNLPPRVLAA GGLQMIGHMH EEMYQVMDEI
	KQGIQYAFQT RNALTLAVSG SGHCALETAL FNLLEPGDAF LVGANGIWGQ RAAEVGERIG
	ARVHPMIKDP GSHYTLQEVE ECLAQHKPVL LFLTHGESST GVLQPLDGFG ELCHRYKCLL
	LVDSVASLGG APIYMDQQGI DVLYSGSQKA LNAPPGTSLI SFSDKAKSKI YARKTKPFSF
	YMDVQLLANI WGCDGKPRMY HHTTPVIGIF ALRESLALLV EQGLEKSWQR HREVAQHLYR
	RLQELGLQLF VKDPALRLPT VTTVIVPASY RWRDIVSYVM HHFGIEITGG LGPSADKVLR
	IGLLGCNATR ENVDRLATAL REALQHCAQS QL
Specificity:	Oryctolagus cuniculus (Rabbit)
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:	AGXT	
Alternative Name:	Serine-pyruvate aminotransferase (AGXT) (AGXT Products)	
Background:	Recommended name: Serinepyruvate aminotransferase.	
	Short name= SPT.	
	EC= 2.6.1.51.	
	Alternative name(s): Alanineglyoxylate aminotransferase.	
	Short name= AGT.	
	EC= 2.6.1.44	
UniProt:	P31030	
Pathways:	Monocarboxylic Acid Catabolic Process, Dicarboxylic Acid 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.