Datasheet for ABIN1614980

GGT5 Protein (AA 1-387) (His tag)

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Overview

Quantity:	1 mg
Target:	GGT5
Protein Characteristics:	AA 1-387
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GGT5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAWGHRTTVC LVLLGVSLGL AIIVLAVVLP HHQASCRPDA FTRAAVAADS KICSDIGRVI LQQQGSPVDA AIAALICTGV VNPQSMGLGG GVVFTIYNAS TGKVEVINAR ETVPASHDQR LLDQCTNALP LCTGAQWIGV PGELRGYAEA HRRYGRLPWA QLFQPTIALL REGFRVPPIL SQFLNTSFLQ PCLNSSTLRH LFFNGTETLR SQDPLPWPAL ANTLETVAKE GAEVLYTGKL GQTLVEDIAW QGSQLTVQDL AAFRPKVVEP LEMALGNYTL YSPPPPAGGA ILSFILNVLK GFNFSAETVA GPEGKVNMYH HLVETLKFAV GQRWRLWDPY SHPGIQNISQ DLLRETLAQH IRQQIDGRGD HQLSHYNLSG VRGNSMG
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:	GGT5
Abstract:	GGT5 Products
Background:	Recommended name: Gamma-glutamyltransferase 5. Short name= GGT 5. EC= 2.3.2.2. Alternative name(s): Gamma-glutamyl leukotrienase. Short name= GGL Gamma-glutamyl transpeptidase-related enzyme. Short name= GGT-rel Gamma-glutamyltransferase-like activity 1 Gamma-glutamyltranspeptidase 5 Glutathione hydrolase 5. EC= 3.4.19.13 Cleaved into the following 2 chains: 1. Gamma-glutamyltransferase 5 heavy chain 2. Gamma-glutamyltransferase 5 light chain
UniProt:	Q9QWE9

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

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.