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Datasheet for ABIN1614677

GGT7 Protein (AA 128-662) (His tag)

Overview

Quantity:	1 mg
Target:	GGT7
Protein Characteristics:	AA 128-662
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GGT7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>QIY FGDPQIFQQG AVVTDASCCT ALGMEVLSKQ GSSVDAAVAA ALCLGIVAPH SSSLGGGGVM</p> <p>LVHDIRRNES HLIDFRESAP GALREEALQR SWDTKPGLLV GVPGMVKGLY EAHQLYGRLP</p> <p>WSQVLAFAAA VAQDGFNVTH DLAHALAEQL PPNASDRFLE TFLPLGHPPL PGSLLRRPDL</p> <p>AEVLDILGIS GPAAFYNGGN LTLEMVAEVQ HAGGVMTEED FSNYSALTEK PVCGVYRGHL</p> <p>VLSPPPPHGTG PALISALNIL EGFNLTSLVS REQALHWVAE TLKIALALAS RLGDVPYDST</p> <p>ISESMDDMLS KVEAANFRGH ISDSQAAPAP LLPVYELDGA PTAAQVLVMG PDDFIVAMVS</p> <p>SLNRPFGSGL LTPSGILLNS QMLDFSWPNR TANHSAPSLE NSVQPGKRPL SFLPTVVRP</p> <p>AEGLCGTYLA LGANGAARGL SGLTQVLLNV LTLNRNLSDS LARGRLHPDL QSNVLQVDSE</p> <p>FTEEEIEFLE ARGHHVEKVD VLSWVHGSRR TNNFIIGVKD PRSLDATGAS IL</p>
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.

Product Details

Purity: > 90 %

Target Details

Target: GGT7

Abstract: [GGT7 Products](#)

Background: Recommended name: Gamma-glutamyltransferase 7.
Short name= GGT 7.
EC= 2.3.2.2.
Alternative name(s): Gamma-glutamyltransferase-like 3 Gamma-glutamyltranspeptidase 7
Glutathione hydrolase 7.
EC= 3.4.19.13 Cleaved into the following 2 chains: 1.
Gamma-glutamyltransferase 7 heavy chain 2.
Gamma-glutamyltransferase 7 light chain

UniProt: [Q99MZ4](#)

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

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.