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Datasheet for ABIN1472267 GPI Protein (AA 1-430) (His tag)

Overview

Quantity:	1 mg
Target:	GPI
Protein Characteristics:	AA 1-430
Origin:	Mycoplasma pneumoniae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPI protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MESKWLTVDT KHLYGFDEAI FIQKYQKKVN QIHQQFLNQQ LPDGHMNGWY SQPDQDHKGL LKQINTIAKQ FNALKVTDIV YLGIGGSYTG IRAILDFLKP EQKANIKVHF VPDISAFNIA AVARAIGKGS WALVVTSSKSG RTLEPAVTFR YFRNLLHKQY KQKHALRTVV ITDAVKGLLV GMSNQYGYAH LTIPSNIGGR FSTLSPAGLL LAKLCGHDPK QLLLGTLTAK QELANSDLNT NSAYYYAALR HWLYTTKKLK IEVTVAYHSA YEYLLLQHRQ LFGESEGGKGG KSLFPTFSLF TDDLHSMGQL YQEGEKNFFE TVIQVQTQFH DLELPPSDFN NDDQLDYLLA KSMNEISNTA LEAVVEAHFQ SNVNIKLT LKERTTFMFGY FYFWLSMATM MSGSLLGHNV FDQPGVEVYK QLMFAKLGRE
Specificity:	Mycoplasma pneumoniae (strain ATCC 29342 / M129)
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:	GPI
Alternative Name:	Glucose-6-phosphate isomerase (pgi) (GPI Products)
Target Type:	Viral Protein
Background:	Recommended name: Glucose-6-phosphate isomerase. Short name= GPI. EC= 5.3.1.9. Alternative name(s): Phosphoglucose isomerase. Short name= PGI Phosphohexose isomerase. Short name= PHI
UniProt:	P78033

Application Details

Comment:	<p>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 modified 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.</p>
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

Handling

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