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Datasheet for ABIN1652593

Dug1p (DUG1) (AA 1-476) protein (His tag)

Overview

Quantity:	1 mg
Target:	Dug1p (DUG1)
Protein Characteristics:	AA 1-476
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MKMSLDKLYE VIDKKKDEFV TRLSRAVSIP SVSADVTLRP KVVEMADFVW SEFTKLGAKM EKRDIGYHQM DGQDVPLPPI VLGQYGNDPS KKTVLIYNHF DVQPASLEDG WSTDPTTLTV DNKGRMFGRG ATDDKGPLIG WISAIEAHKE LGIDFPVNLL MCFEGMEEYG SEGLEDLIRA EAEKYFAKAD CVCISDTYWL GTKKPVLTYG LRGVCYFNIT VEGPSADLHS GVFGGTVHEP MTDLVAIMST LVKPNGEILI PGIMDQVAEL TPTEDSIYDG IDYTMEDLKE AVGADISIYP DPKRTLQHRW RYPTLSLHGI EGAFSGSGAK TVIPAKVIGK FSIRTVPNME SETVERLVKE HVTKVFNLSN SKNKLAFNNM HSGSWWISSP DHWHYDVGKK ATERVYGITP DfvREGGSIP VTVTFEQLSK KNVLLLPMGR GDDGAHSINE KLDLDNFLKG IKLFCTYVHE LASVSP
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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: Dug1p (DUG1)

Alternative Name: Cys-Gly metallodipeptidase dug1 (dug1) ([DUG1 Products](#))

Background: Recommended name: Cys-Gly metallodipeptidase dug1.
EC= 3.4.13.-.
Alternative name(s): GSH degradosomal complex subunit DUG1

UniProt: [Q9P6I2](#)

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 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.

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.