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Datasheet for ABIN1632815 GTPBP3 Protein (AA 74-500) (His tag)

Overview

Quantity:	1 mg
Target:	GTPBP3
Protein Characteristics:	AA 74-500
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GTPBP3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	RTASLRS ISHPQSKELL DRGLVLWFPG PASFTGEDSA EFHIHGPAV ISGVLQALGS LPGLRPAEAG EFTRAFYAG KLDLTEVEGL SDLIHAETEA QRRQALRQMA GDLGRIYQDW TDQLKRCLAH VEAFFDFSED ELIEDGVLND VDRVQQLQT DMENHLSDER RGERLRSGVH VVIAGSTNAG KSSLLNLLTQ RPAAIVSPTA GTTRDVLEVP LDIGGYPVLL SDTAGLRDTS DSVEQEGVRR ARQRVEQADL SLVVVDLTQL PSERRHVPVF LRGH LKNILE RSSQQQQHIL ILNESDLVSA EQQRSIQTSL QELSGAPSAC FLSCHSRDGL EELLTLLHNT LKTL CGDPLI GSPTLTQTRH RTHLQKSIEA LQQYHEYRDV DLALAAEGLR LGLLSLGRIT GRVSPEEILD VIFRDFCIGK
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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: GTPBP3

Alternative Name: tRNA modification GTPase GTPBP3, mitochondrial (gtpbp3) ([GTPBP3 Products](#))

Background: Recommended name: tRNA modification GTPase GTPBP3, mitochondrial.
Alternative name(s): GTP-binding protein 3

UniProt: [Q501Z5](#)

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.