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Datasheet for ABIN1630520
GBL Protein (AA 1-326) (His tag)

Overview

Quantity:	1 mg
Target:	GBL
Protein Characteristics:	AA 1-326
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GBL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNSNQGTVGS DPVILATAGY DHTVRFWQAH SGICTRTVQH QDSQVNSLEV TPDRSMIAAA GYQHIRMVYDL NSNNPNPVIN YDGVSKNITS VGFHEDGRWM YTGGEDCMAR IWDLRSRNLQ CQRIFQVNAP INCVFLHPNQ AELIVGDQSG AIHIWDLKTD QNEQLIPETD VSINSVHIDP DASYMAAVNS SGNCFVWNL T GGLGEDLTQL IPKTKIPAHK RCALKCKFSP DSTLLATCSA DQTCKIWRTS NFSLMTELSI KSNNPGETSR GMMWDCAFSG DSQYIVTASS DNLARLWCVE TGEIKREYSG HQKAVVCLAF NDSVLG
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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:	GBL
Alternative Name:	Target of rapamycin complex subunit lst8 (mlst8) (GBL Products)
Background:	Recommended name: Target of rapamycin complex subunit lst8. Short name= TORC subunit lst8. Alternative name(s): G protein beta subunit-like. Short name= Gable. Short name= Protein GbetaL MTOR associated protein, LST8 homolog
UniProt:	Q5I0B4
Pathways:	PI3K-Akt Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Actin Filament Polymerization , Autophagy , CXCR4-mediated Signaling Events , BCR Signaling , Warburg Effect

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

Handling

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