

Datasheet for ABIN1631302

SELENBP1 Protein (AA 1-472) (His tag)



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Overview

Quantity:	1 mg
Target:	SELENBP1
Protein Characteristics:	AA 1-472
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SELENBP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAKCGSCGPG YKTPLDAMKG PREEILYLPC IYRNTGINKP DYLATVDVNP KSPKYSQVIH</p> <p>RLPMPNTNDE LHHSGWNTCS SCYGDASKVR NKLILPCLIS SRIYVVDVGT DPRAPRIHKT</p> <p>VEPYEVFWKC GLANLHTSHC LGCGEIMISS IGDYPYNGKG GFVLLDGETF EVKGNWEAEG</p> <p>EAAPFGYDFW YQPRHNVMS TEWGAPKAFA LGFKMEEVQA GMYGHSLNVW DWTEHRIQT</p> <p>IDLGEDGLIP LEIRFLHDPD AAQGLVGCAL SSTVFRFYKE KDGKWAAEKV IKVPSKKVEG</p> <p>WALPEMPGLI TDILISLDDR FLYFSNWLHG DIRQYDITDP RNPCLVGQIF LGGSILRGGP</p> <p>VTVLEDKDLE CQPDPVIVKG KKVPGGPQMI QLSLDGKRLY VTNSLYSKWD KQFYPMIKE</p> <p>GSVMLQIDVD TEKGGLKLNPNFLVDFGKEP GGPVLAHELK YPGGDCSSDI WV</p>
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.

Product Details

Purity: > 90 %

Target Details

Target: SELENBP1

Alternative Name: Selenium-binding protein 1 (selenbp1) ([SELENBP1 Products](#))

Background: Recommended name: Selenium-binding protein 1

UniProt: [Q569D5](#)

Pathways: [Brown Fat Cell Differentiation](#)

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.