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Datasheet for ABIN1638217

Protein Tob1 (TOB1) (AA 1-365) protein (His tag)

Overview

Quantity:	1 mg
Target:	Protein Tob1 (TOB1)
Protein Characteristics:	AA 1-365
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	<p>MQLEIQVALN FIISYLYNKL PRRRVNIFGE ELERLLKQKY EGHWYPEKPY KGSGFRCIHV</p> <p>GEKVDPVIEQ ASKESGLDID DVRGNLPQDL SVWIDPFEVS YQIGEGPVPK VLYVDDSNEN</p> <p>GCELDKEIKN SFNPEAQVFM PISDPASSVS SSPSPFFGHS AAVSPTFMMPR STQPLTFTTA</p> <p>TFAATKFGST KMKNSGRSSK VARTSPISLG LNVNVNDLLK QKAISSTMHS LYGLGLGSQQ</p> <p>QPQPQPQPP SQPPPPPPPP QQQQQHQQQQ QQQQQQQQP QQQTSALEPN AKEFIFPNMQ</p> <p>GQGSSTNGMF PGDSPLNLSP LQYSNAFNVF AAYGGLNEKS FVDGLNFSLN NIQYSNQFQ</p> <p>PVMAN</p>
Specificity:	Rattus norvegicus (Rat)
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:	Protein Tob1 (TOB1)
Abstract:	TOB1 Products
Background:	Recommended name: Protein Tob1. Alternative name(s): Transducer of erbB-2 1
UniProt:	Q8R5K6

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.