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Datasheet for ABIN1675986

TOM70 Protein (AA 63-610) (His tag)

Overview

Quantity:	1 mg
Target:	TOM70 (TOMM70A)
Protein Characteristics:	AA 63-610
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOM70 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>SRRRRRRE AGGRGDASGL KRNSERKTPE GRASPALGSG PDGSGDSLEM SSLDRAQAAK NKGKNKYFKAG KYEQAIQCYT EAILCPTTEK NADLSTFYQN RAAAFEQLQK WKEVAQDCTK AVELNPKYVK ALFRRAKAHE KLDNKKECLE DVTAVCILEG FQNEQSMLLA DKVLKLLGKE NAKEYKNRE PLMPSPQFIK SYFSSFTDDI ISQPMLKGEK SDEKDKKEGE ALEVKENS GY LKAKQYMEEE NYDKIIECS KEIDAQGYM AEALLLRATF YLLIGSANAA KPDLDKVISL KEANVKLRAN ALIKRGTMCM QQQQPMSTQ DFNMAAEIDP MNSDVYHHRG QLKILLDLVE EAVADFDACI RLRPKFALAQ AQKCFALYRQ AYTANNSSQV QAAMKGFEEV IKKFPRCAEG YALYAQALTD QQQFGKADEM YDKCIDLEPD NATTYVHKGL LQLQWKQDLD KGLELISKAI EIDNKCDFAY ETMGITIEVQR GNMEKAIDMF NKAINLAKSE MEMAHLISLC DAAHAQTEVA KKYGLKPPTL</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: TOM70 (TOMM70A)

Alternative Name: Mitochondrial import receptor subunit TOM70 (Tomm70a) ([TOMM70A Products](#))

Background: Recommended name: Mitochondrial import receptor subunit TOM70.
Alternative name(s): Mitochondrial precursor proteins import receptor Translocase of outer membrane 70 kDa subunit

UniProt: [Q75Q39](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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

Handling

Storage: -20 °C

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