Datasheet for ABIN5853024

TOMM34 Protein (AA 1-309) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	TOMM34
Protein Characteristics:	AA 1-309
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOMM34 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAPKFPD SVEELRAAGN ESFRNGQYAE ASALYGRALR VLQAQGSSDP EEESVLYSNR AACHLKDGNC RDCIKDCTSA LALVPFSIKP LLRRASAYEA LEKYPMAYVD YKTVLQIDDN VTSAVEGINR MTRALMDSLG PEWRLKLPSI PLVPVSAQKR WNSLPSENHK EMAKSKSKET TATKNRVPSA GDVEKARVLK EEGNELVKKG NHKKAIEKYS ESLLCSNLES ATYSNRALCY LVLKQYTEAV KDCTEALKLD GKNVKAFYRR AQAHKALKDY KSSFADISNL LQIEPRNGPA QKLRQEVKQN LH
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	TOMM34
Alternative Name:	TOMM34 (TOMM34 Products)

Target Details

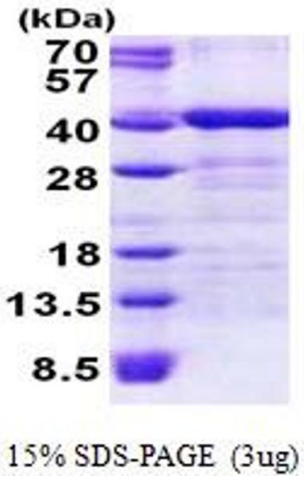
Background:	TOMM34 is involved in the import of precursor proteins into mitochondria. The protein has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. This protein, which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane, has a weak ATPase activity and contains 6 TPR repeats. Recombinant human TOMM34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	36.9kDa (332aa), confirmed by MALDI-TOF
NCBI Accession:	NP_006800
UniProt:	Q15785

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20 % glycerol, 1 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.