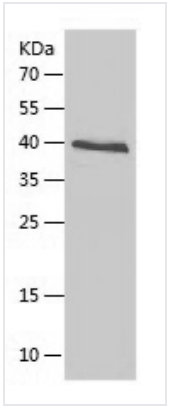
TRAPPC3 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	TRAPPC3, Recombinant Protein
Full Product Name	Recombinant Human TRAPPC3
Product Gene Name	TRAPPC3 recombinant protein
Product Synonym Names	BET3; BET3 homolog; TRAPPC3
Host	E Coli
Form/Format	Lyophilized from a 0.2 um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose, pH7.4
Purity/Purification	Greater than 80% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	20,274 Da
Sequence Positions	1-180
Chromosome Location	Chromosome: 1; NC_000001.10 (36602170..36621654, complement). Location: 1p34.3
OMIM	610955
3D Structure	ModBase 3D Structure for O43617
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 ug/ml in sterile distilled water by gentle pipetting 2-3 times, don't vortex
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for TRAPPC3 recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for TRAPPC3 recombinant protein	MBS7616389 is a recombinant protein targeting TRAPPC3. Also known as Recombinant Human TRAPPC3. Host: E Coli.
Other Notes	Small volumes of TRAPPC3 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



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ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRAPPC3. It may not necessarily be applicable to this product.

NCBI GI #	401461775
NCBI GeneID	27095
NCBI Accession #	NP_001257823.1
UniProt Primary Accession #	O43617
UniProt Secondary Accession #	B2RDN2; D3DPS2
UniProt Related Accession #	O43617
GenBank Nucleotide #	NM_001270894.1
NCBI Official Full Name	trafficking protein particle complex subunit 3 isoform 2
NCBI Official Synonym Full Names	trafficking protein particle complex 3
NCBI Official Symbol	TRAPPC3
NCBI Official Synonym Symbols	BET3
UniProt Protein Name	Trafficking protein particle complex subunit 3
UniProt Synonym Protein Names	BET3 homolog
Protein Family	Trafficking protein particle complex
UniProt Gene Name	TRAPPC3
UniProt Synonym Gene Names	BET3
UniProt Entry Name	TPPC3_HUMAN
NCBI Protein Information	trafficking protein particle complex subunit 3
NCBI Summary for TRAPPC3	This gene encodes a component of the trafficking protein particle complex, which tethers transport vesicles to the cis-Golgi membrane. The encoded protein participates in the regulation of transport from the endoplasmic reticulum to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

UniProt Comments for TRAPPC3	TRAPPC3: May play a role in vesicular transport from endoplasmic reticulum to Golgi. Belongs to the TRAPP small subunits family. BET3 subfamily. Protein type: Endoplasmic reticulum Chromosomal Location of Human Ortholog: 1p34.3 Cellular Component: Golgi apparatus; endoplasmic reticulum Molecular Function: protein binding Biological Process: vesicle-mediated transport
Research Articles on TRAPPC3	**1.** crystal structure
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