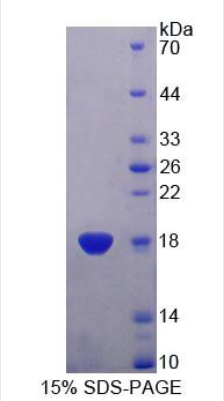
Trafficking Protein Particle Complex 2 (TRAPPC2) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Trafficking Protein Particle Complex 2 (TRAPPC2), Recombinant Protein
Full Product Name	Recombinant Trafficking Protein Particle Complex 2 (TRAPPC2)
Product Gene Name	TRAPPC2 recombinant protein
Product Synonym Names	MIP-2A; SEDL; SEDT; TRS20; ZNF547L; Sedlin; Spondyloepiphyseal Dysplasia,Late
Sequence	MSGSFYFVIV GHHDNPVFEM EFLPAGKAES KDDHRHLNQF IAHAALDLVD ENMWLSNNMY LKTVDKFNEW FVSAFVTAGH MRFIMLHDIR QEDGIKNFFT DVYDLYIKFS MNPFYEPNSP IRSSAFDRKV QFLGKKHLLS
Host	E Coli
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Purity/Purification	> 90%
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: TRAPPC2 (MBS2032527) Immunogen: TRAPPC2 (MBS2033613)
Matching Pairs	APC-CY7 Conjugated Antibody: TRAPPC2 (MBS2068313) Immunogen: TRAPPC2 (MBS2033613)
Matching Pairs	PE Conjugated Antibody: TRAPPC2 (MBS2068314) Immunogen: TRAPPC2 (MBS2033613)
Matching Pairs	APC Conjugated Antibody: TRAPPC2 (MBS2068315) Immunogen: TRAPPC2 (MBS2033613)
Matching Pairs	Cy3 Conjugated Antibody: TRAPPC2 (MBS2068316) Immunogen: TRAPPC2 (MBS2033613)
Matching Pairs	FITC Conjugated Antibody: TRAPPC2 (MBS2068317) Immunogen: TRAPPC2 (MBS2033613)
Matching Pairs	HRP Conjugated Antibody: TRAPPC2 (MBS2068318) Immunogen: TRAPPC2 (MBS2033613)
Matching Pairs	Biotin Conjugated Antibody: TRAPPC2 (MBS2094893) Immunogen: TRAPPC2 (MBS2033613)
Molecular Weight	16,453 Da
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Predicted Molecular Mass	20.1kDa
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Endotoxin Level	<1.0EU per 1 ug (determined by the LAL method)

Expression System	Prokaryotic expression
Fragment	Met1~Ser140
Organism Species	Human
Tag	two N-terminal Tags, His-tag and T7-tag
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for TRAPPC2 recombinant protein	SDS-PAGE, Western (WB), ELISA (EIA), Immunoprecipitation (IP).
Related Product Information for TRAPPC2 recombinant protein	MBS2033613 is a recombinant protein targeting TRAPPC2. Also known as Recombinant Trafficking Protein Particle Complex 2 (TRAPPC2). Host: E Coli.
Other Notes	Small volumes of TRAPPC2 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.



SDS-Page of TRAPPC2 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRAPPC2. It may not necessarily be applicable to this product.

NCBI GI #	402765983
NCBI GeneID	100910318
NCBI Accession #	NP_001258041.1
UniProt Related Accession #	D3ZVF4
GenBank Nucleotide #	NM_001271112.1
NCBI Official Full Name	trafficking protein particle complex subunit 2
NCBI Official Synonym Full Names	trafficking protein particle complex 2B
NCBI Official Symbol	Trappc2b
UniProt Protein Name	Trafficking protein particle complex subunit 2
Protein Family	Trafficking protein particle complex
UniProt Gene Name	Trappc2
UniProt Entry Name	TPPC2_RAT
NCBI Protein Information	trafficking protein particle complex subunit 2

UniProt Comments for TRAPPC2	TRAPPC2: Prevents ENO1-mediated transcriptional repression and antagonizes ENO1-mediated cell death. May play a role in vesicular transport from endoplasmic reticulum to Golgi (By similarity) Cellular Component: endoplasmic reticulum; Golgi apparatus; nucleus; perinuclear region of cytoplasm Biological Process: ER to Golgi vesicle-mediated transport; transcription, DNA-dependent
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