

Recombinant Human TRAPPC10 protein, His & T7-tagged

Cat. No. TRAPPC10-8075H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAPPC10 aa. (Pro74~Trp357 (Accession # P48553)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro74~Trp357
Description	The protein encoded by this gene is a transmembrane protein found in the cis-Golgi complex. The encoded protein is part of the multisubunit transport protein particle (TRAPP) complex and may be involved in vesicular transport from the endoplasmic reticulum to the Golgi. Mutations in this gene could be responsible for the Unverricht-Lundborg type of progressive myoclonus epilepsy, or for autoimmune polyglandular disease type 1.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.8.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP
Stability	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°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 less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
GENE INFORMATION	
Gene Name	TRAPPC10 trafficking protein particle complex 10 [Homo sapiens (human)]
Official Symbol	TRAPPC10
Synonyms	EHOC1; GT334; TMEM1; TRS30; EHOC-1; TRS130; TRAPP 130 kDa subunit; TRAPP subunit TMEM1; epilepsy holoprosencephaly candidate-1 protein; trafficking protein particle complex subunit 130; trafficking protein particle complex subunit TMEM1; transmembrane protein 1; transport protein particle subunit TMEM1; trafficking protein particle complex subunit 10
Gene ID	7109

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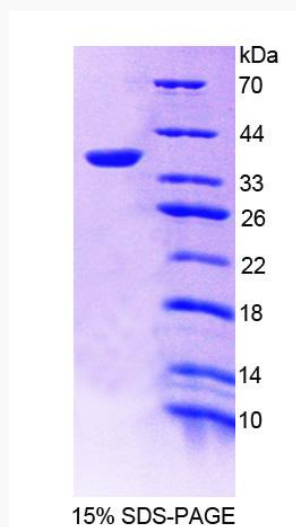
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mRNA Refseq [NM_001351709.1](#)

Protein Refseq [NP_001338638.1](#)

UniProt ID [P48553](#)

SDS-PAGE



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