Recombinant Human TRAPPC6A/TPC6A protein (His Tag)

Catalog Number: PDEH100911

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

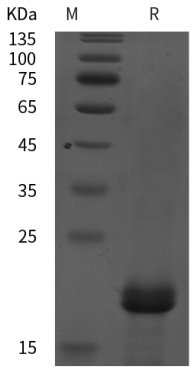
Description

Species	Human
Source	E.coli-derived Human TRAPPC6A protein Met1-Ser173, with an N-terminal His & C-terminal His
Calculated MW	18.9 kDa
Observed MW	20 kDa
Accession	O75865-2
Bio-activity	Not validated for activity

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

TRAPPC6A (trafficking protein particle complex 6A), also known as TRS33 or HSPC289, is a 159 amino acid protein that localizes to the Golgi apparatus and endoplasmic reticulum. Belonging to the TRAPP small subunits family and the BET3 subfamily, TRAPPC6A may play a role in vesicular transport during the biogenesis of melanosomes. TRAPPC6A is part of the multisubunit TRAPP tethering complex, which acts as a GTP exchange factor. TRAPPC6A exists as a heterodimer with TRAPPC3 and undergoes alternative splicing to produce two isoforms. TRAPPC6A is encoded by a gene located on human chromosome 19, which consists of approximately 63 million bases and makes up over 2% of human genomic DNA.

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