

Recombinant Human TIMM9 Protein (GST,His Tag)

Catalog Number: PDEH101079

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

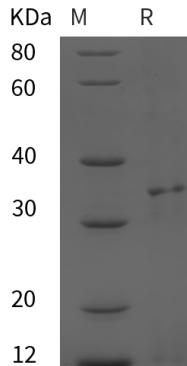
Description

Species	Human
Source	E.coli-derived Human TIMM9 protein Met1-Arg89, with an N-terminal GST & C-terminal His
Calculated MW	34.7 kDa
Observed MW	35 kDa
Accession	Q9Y5J7
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°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C 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



SDS-PAGE analysis of Human TIMM9 proteins, 2 µg/lane of Recombinant Human TIMM9 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 35 kDa.

Background

Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperon e-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space.

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