Recombinant Human ERP72/PDIA4 Protein (Fc Tag)

Catalog Number: PKSH030655

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

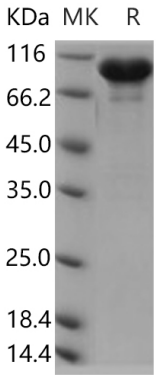
Description

Species	Human
Source	HEK293 Cells-derived Human ERP72/PDIA4 protein Met 1-Thr641, with an C-terminal hFc
Calculated MW	97.2 kDa
Observed MW	96 kDa
Accession	P13667
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg 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 sterile PBS, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

ERP72; also known as PDIA4; is an endoplasmic reticulum luminal protein which belongs to the protein disulfide isomerase family. ERP72 is a stress protein and participates in the catalysis of protein-S-S-bond rearrangement. Both of PDIA4 and PDIA3 function as proteases; protein disulfide isomerases; phospholipases or an arrangement of these. ERP72 compose part of a large chaperone multiprotein complex comprising CABP1; DNAJB11; HSP90B1; HSPA5; HYOU; PDIA2; PDIA4; PPIB; SDF2L1; UGT1A1 and very small amounts of ERP29; but not; or at very low levels; CALR nor CANX.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com