

Recombinant Mouse HSP-70/HSPA9 protein (His tag)

Catalog Number:PDEM100042



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

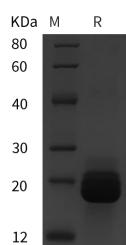
Description

Synonyms	75 kDa glucose-regulated protein;GRP-75;Heat shock 70 kDa protein 9;Mortalin;MOT;Peptide-binding protein 74;PBP74
Species	Mouse
Expression Host	E.coli
Sequence	Glu 542-Gln 679
Accession	P38647
Calculated Molecular Weight	15.1 kDa
Observed molecular weight	20 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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 sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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



> 95 % as determined by reducing SDS-PAGE.

Background

Chaperone protein which plays an important role in mitochondrial iron-sulfur cluster (ISC) biogenesis. Interacts with and stabilizes ISC cluster assembly proteins FXN, NFU1, NFS1 and ISCU. Regulates erythropoiesis via stabilization of ISC assembly. May play a role in the control of cell proliferation and cellular aging.

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