Recombinant Human LRP10 Protein (His Tag)

Catalog Number:PKSH030686

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

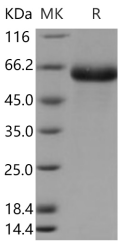
Description

Synonyms	LRP9;MST087;MSTP087
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Lys 440
Accession	Q7Z4F1-1
Calculated Molecular Weight	47.5 kDa
Observed molecular weight	60 kDa
Tag	C-His

Properties

Purity	> 97 % 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% 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



> 97 % as determined by reducing SDS-PAGE.

Background

Various members of the low-density lipoprotein receptor (LDLR) family have been reported to play a role in APP trafficking and processing and are important risk factors in AD.LDLR-related protein 1 (LRP1) shuttles between the trans-Golgi Network (TGN); plasma membrane (PM); and endosomes.LRP1 is a functional APP receptor involved in APP trafficking and processing. LRP1 interacts directly with the ectodomain of APP and colocalizes with APP at the TGN. LRP1 is a novel APP sorting receptor that protects APP from amyloidogenic processing; suggesting that a decrease in LRP1 function may contribute to the pathogenesis of Alzheimer's disease.

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