

Human LRP10 Protein

Cat. No. LRP-HM110

Description

Source	Recombinant Human LRP10 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains His17-Lys440.
Accession	Q7Z4F1-1
Molecular Weight	The protein has a predicted MW of 47.14 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

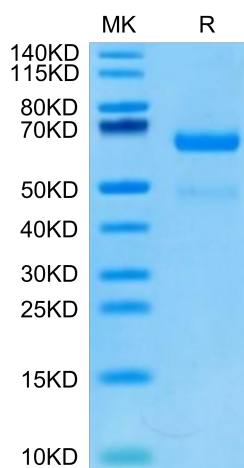
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

LDL receptor-related protein (LRP) 10 was recently identified as a Parkinson's disease gene through genome-wide linkage and sequencing analysis, but its role in Parkinson's disease in various populations is still unclear.

Assay Data

Tris-Bis PAGE



Human LRP10 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.