

Datasheet for ABIN7275211

LRP10 Protein (AA 18-441) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	LRP10
Protein Characteristics:	AA 18-441
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRP10 protein is labelled with His tag.

Product Details

Purpose:	Mouse LRP10 Protein
Sequence:	Arg18-Lys441
Characteristics:	Recombinant Mouse LRP10 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Arg18-Lys441.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LRP10
Alternative Name:	LRP10 (LRP10 Products)

Target Details

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.

Molecular Weight: 46.88 kDa. Due to glycosylation, the protein migrates to 55-62 kDa based on Tris-Bis PAGE result.

UniProt: [Q7TQH7](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

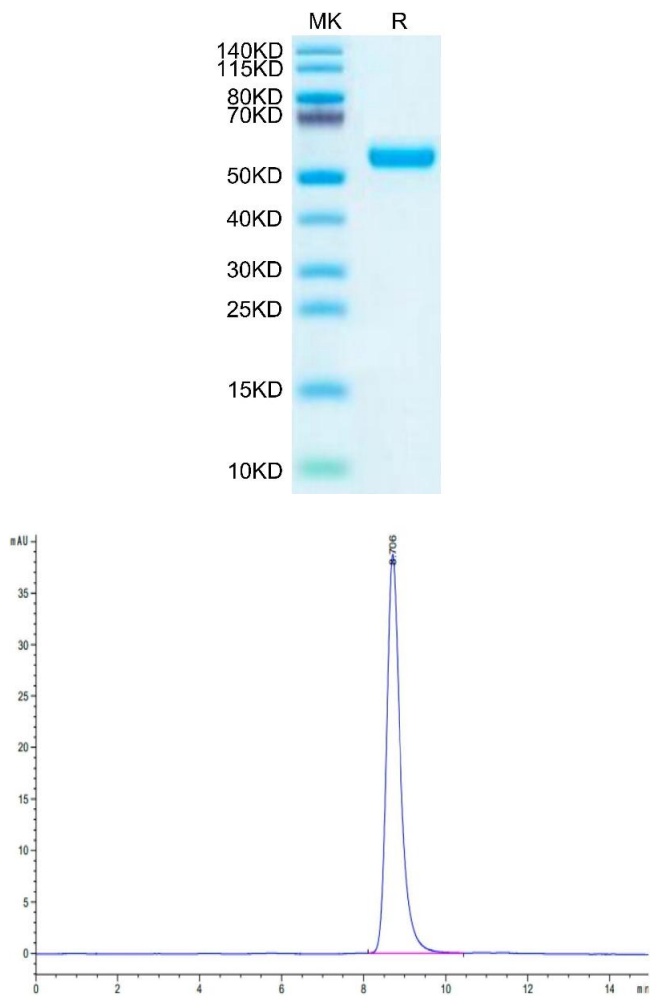
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse LRP10 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse LRP10 is greater than 95 % as determined by SEC-HPLC.