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## Datasheet for ABIN7317281 LRP10 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	LRP10
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRP10 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human LRP10 Protein (Fc Tag)
Sequence:	Met 1-Lys 440
Characteristics:	A DNA sequence encoding the human LRP10 (Q7Z4F1-1) extracellular domain (Met 1-Lys 440) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 88 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

### Target Details

Target:	LRP10
Alternative Name:	LRP10 ( <a href="#">LRP10 Products</a> )
Background:	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

## Target Details

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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.

Synonym: LRP9, MST087, MSTP087

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Molecular Weight: 73 kDa

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.