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## Datasheet for ABIN7482511 LRP1 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	LRP1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRP1 protein is labelled with Fc Tag.

### Product Details

Purpose:	Human LRP-1 / cluster II Protein, Fc Tag (MALS verified)
Sequence:	Arg 786 - Leu 1165
Characteristics:	Human cluster II Protein, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Arg 786 - Leu 1165 (Accession # Q07954-1).
Purity:	95 %
Endotoxin Level:	0.1 EU per µg
Grade:	MALS verified

### Target Details

Target:	LRP1
Alternative Name:	LRP-1 ( <a href="#">LRP1 Products</a> )
Background:	Low density lipoprotein receptor-related protein 1 (LRP1), also known as alpha-2-macroglobulin

## Target Details

receptor (A2MR), apolipoprotein E receptor (APOER) or cluster of differentiation 91 (CD91), is a protein forming a receptor found in the plasma membrane of cells. The encoded preproprotein is proteolytically processed by furin to generate 515 kDa and 85 kDa subunits that form the mature receptor. LRP1 is also a key signalling protein and, thus, involved in various biological processes, such as lipoprotein metabolism and cell motility, and diseases, such as neurodegenerative diseases, atherosclerosis, and cancer.

Molecular Weight: 68.0kDa

Pathways: [Smooth Muscle Cell Migration](#), [Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

Comment: This protein carries a human IgG1 Fc tag at the C-terminus. (Fc) The protein has a calculated MW of 68.0kDa. The protein migrates as 75-105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C