

[Go to Product page](#)

Datasheet for ABIN1097586

**LRP12 Protein (AA 28-488) (His tag)**

## Overview

Quantity:	50 µg
Target:	LRP12
Protein Characteristics:	AA 28-488
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRP12 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Low-Density Lipoprotein Receptor Related Protein 12/LRP12 (C-6His)
Sequence:	NGALAEHSEN VHISGVSTAC GETPEQIRAP SGIITSPGWP SEYPAKINCS WFIRANPGEI ITISFQDFDI QGSRRCNLDW LTIETYKNIE SYRACGSTIP PPYISSQDHI WIRFHSSDDNI SRKGFRLAYF SGKSEEPNCA CDQFRCGNKG CIPEAWKCNN MDECGDSSDE EICAKEANPP TAAAFQPCAY NQFQCLSRFT KVYTCLPESL KCDGNIDCLD LGDEIDCDVP TCGQWLKYFY GTFNSPNYPD FYPPGSNCTW LIDTGDHRKV ILRFTDFKLD GTGYGDYVKI YDGLEENPHK LLRVLTAFFDS HAPLTVVSSS GQIRVHFCAD KVNAARGFNA TYQVDGFCLP WEIPCGGNWG CYTEQQRCDG YWHCPNGRDE TNCTMCQKEE FPCSRNGVCY PRSDRCNYQN HCPNGSDEKN CFFCQPGNFH CKNNRCVFES WVCDSQDDCG DGSDEENCPV IVDHHHHHHH
Characteristics:	Recombinant Human Low-Density Lipoprotein Receptor Related Protein 12/LRP12 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

## Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

## Target Details

Target: LRP12

Alternative Name: Low-Density Lipoprotein Receptor Related Protein 12 ([LRP12 Products](#))

Background: Recombinant Human Low-Density Lipoprotein Receptor-Related Protein 12/LRP12 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Glu33-Arg492) of Human ST7 fused with a polyhistidine tag at the C-terminus. Low-Density Lipoprotein Receptor-Related Protein 12 (LRP12) belongs to the LDLR family. LRP12 is a type I transmembrane protein and widely expressed in heart, skeletal muscle, brain, lung, placenta and pancreas. LRP12 contains 2 CUB domain and 5 LDL-receptor class A domain. LRP12 has been shown to interact with GNB2L1, ZFYVE9 and ITGB1BP3. LRP12 is a receptor probably, which may be involved in the internalization of lipophilic molecules and/or signal transduction. In addition, LRP12 may act as a tumor suppressor.

Molecular Weight: 52.48 kDa

UniProt: [Q9Y561](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL.  
Dissolve the lyophilized protein in ddH<sub>2</sub>O.  
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.  
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.  
Aliquots of reconstituted samples are stable at < -20°C for 3 months.