

## 32-7354: Recombinant Human Low-Density Lipoprotein Receptor Related Protein 12/LRP12 (C-6His)(Discontinued)

**Gene :** LRP12  
**Gene ID :** 29967  
**Uniprot ID :** Q9Y561

### Description

Source: Human Cells.

MW :52.48kD.

Recombinant Human LRP12 is produced by our Mammalian expression system and the target gene encoding Asn28-Ile488 is expressed with a 6His 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** 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.  
**Amino Acid :** NGALAEHSENVHISGVSTACGETPEQIRAPSGIITSPGWSEYPAKINCSWFIRANPGEIITISFQDFDIQGSRRCNLDWLTIEYKNIESYRACGSTIPPPYISSQDHIWIRFHSDDNISRKGFRLAYFSGKSEEPNCACDQFRCGNGKCIP EAWKCNNMDECGDSSDEEICAKEANPPTAAAFQPCAYNQFQCLSRFTKVYTCLPESLKCDGNIDCLDLGDEIDCDVPTCGQWLKYFYGTFNPNYPDFYPPGSNCTWLIDTGDHRKVILRFTDFKLDGTGYGDYVKIYDGLEENPHKLLRVLTAFDSHAPLTVVSSSQIRVHFCADKVNAAARGFNATYQVDGFCLPWEIPCGGNWGCYTEQQRCDCGYWHCPNGRDETNTMCQKEEFPCSRNGVCYPRSDRCNYQNHCPNGSDEKNCFFCQPGNFHCKNNRCVFESVWCDSQDDCGDGSDEENCPVIVDHHHHHH

### Application Note

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

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