

Recombinant Human LRP12 protein ab151816

Description	
Product name	Recombinant Human LRP12 protein
Purity	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>Q9Y561</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	EHSENVHISGVSTACGETPEQIRAPSGIITSPGWPSEYPAKI NCSWFIRA NPGEIITISFQDFDIQGSRRRCNLDWLTETYKNIESYRACGSTI PPPYIS SQDHIWIRFHSDDNISRKGFRLAYFSGKSEEPNCACDQFR CGNGKCIPEA WKCNNMDECGDSSDEEICAKEANPPTAAAFQPCAYNQF QCLSRFTKVYTC LPESLKCDGNIDCLDLGDEIDCDVPTCGQWLKYFYGTfNS PNYPDFYPPG SNCTWLIDTGDHRKVILRFTDFKLDGTGYGDYVKIYDGLLEE NPHKLLRVL TAFDSHAPLTVVSSSGQIRVHFCADKVNAARGFNATYQV DGFCLPWEIPC GGNWGCYTEQ QRCDGYWHCPNGRDETNCCTMCQKEEFPCSRNGVCYPR SDRCNYQNHCPNG SDEKNCFQCQ PGNFHCKNNRCVFESWVCDSQDDCGDGSDEENCPVM DHHHHHH
Predicted molecular weight	53 kDa including tags
Amino acids	28 to 488
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab151816** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Store at +4°C short term (1-2 weeks). Store at -20°C. Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C.. pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
Reconstitution	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 1X PBS. 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.

General Info

Function	Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. May act as a tumor suppressor.
Tissue specificity	Widely expressed in heart, skeletal muscle, brain, lung, placenta and pancreas, but not in tissues consisting of a large number of epithelial cells, such as liver and kidney. Expressed at very low levels in a number of tumor-derived cell lines.
Sequence similarities	Belongs to the LDLR family. Contains 2 CUB domains. Contains 5 LDL-receptor class A domains.
Cellular localization	Membrane. Membrane, coated pit.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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