# Latrophilin-2 (LPHN2) Human Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Latrophilin-2 (LPHN2), Recombinant Protein |
| **Full Product Name** | Recombinant Human Latrophilin-2 (LPHN2) , partial |
| **Product Gene Name** | LPHN2 recombinant protein |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 163,448 Da |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **OMIM** | 607018 |
| **3D Structure** | ModBase 3D Structure for O95490 |
| **Species** | Homo sapiens (Human) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for LPHN2 recombinant protein** | MBS1236995 is a recombinant protein targeting LPHN2. Also known as Recombinant Human Latrophilin-2 (LPHN2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of LPHN2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LPHN2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 663071057 |
| **NCBI GeneID** | 23266 |
| **NCBI Accession #** | NP_001284633.1 |
| **UniProt Primary Accession #** | O95490 |
| **UniProt Secondary Accession #** | O94882; Q5VX76; Q9UKY5; A5XEI2; B1ALT8; B1ALT9; B1ALU0; B1ALU2; B1ALU4; B1ALU5; B1ALU6 |
| **UniProt Related Accession #** | O95490 |
| **GenBank Nucleotide #** | NM_001297704.2 |
| **NCBI Official Full Name** | adhesion G protein-coupled receptor L2 isoform 1 preproprotein |
| **NCBI Official Synonym Full Names** | adhesion G protein-coupled receptor L2 |

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| **NCBI Official Symbol** | ADGRL2 |
| **NCBI Official Synonym Symbols** | CL2; LEC1; CIRL2; LPHH1; LPHN2 |
| **UniProt Protein Name** | Adhesion G protein-coupled receptor L2 |
| **UniProt Synonym Protein Names** | Calcium-independent alpha-latrotoxin receptor 2; CIRL-2; Latrophilin homolog 1; Latrophilin-2; Lectomedin-1 |
| **UniProt Gene Name** | ADGRL2 |
| **UniProt Synonym Gene Names** | CIRL-2 |
| **NCBI Protein Information** | adhesion G protein-coupled receptor L2 |
| **NCBI Summary for LPHN2** | This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors. The encoded protein participates in the regulation of exocytosis. The proprotein is thought to be further cleaved within a cysteine-rich G-protein-coupled receptor proteolysis site into two chains that are non-covalently bound at the cell membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014] |
| **UniProt Comments for LPHN2** | Calcium-independent receptor of low affinity for alpha-latrotoxin, an excitatory neurotoxin present in black widow spider venom which triggers massive exocytosis from neurons and neuroendocrine cells. Receptor probably implicated in the regulation of exocytosis. |
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