

# Recombinant Full Length Human LRTM2 Protein, C-Flag-tagged

**Cat. No.** LRTM2-1572HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human LRTM2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | Predicted to enable Roundabout binding activity and heparin binding activity. Predicted to be involved in axon guidance and negative chemotaxis. Predicted to act upstream of or within positive regulation of synapse assembly. Predicted to be integral component of membrane.                                                                                                                                                              |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 41 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MLAPGSSPGQRGRALQWRQVSWITCWIALYAVEALPTCPFSCCKDSRSLEVDCS<br>GLGLTTVPPDVPAAT RTLLLLNNKLSALPSWAFANLSSLQRLDLSNNFLDRLPRISIFG<br>DLTNLTQLRNNNSIRTLDRDLLRHSP LLRHLDLSINGLAQLPPGLFDGLLALRSLSL<br>RSNRLQNLDRLTFEPLANLQLLQVGDNPWECDNLREFK HWMWFSYRGGRLDQ<br>LACTLPKELRGKDMRMVPMEMFNYSQLEDENSSAGLDIPGPPCTKASPEPAKPK<br>PGAPEPEPEPSTACPQKQRRHPASVRRAMGTVIIAGVVCGVVCIMMVVAAAYGCIYA<br>SLMAKYHRELKKRQ<br>PLMGDPEGEHEDQKQISSVATRTRPLEQKLISEEDLAANDILDYKDDDDKV |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Transmembrane                                                                                                                                 |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| <b>Gene Name</b>       | LRTM2 leucine rich repeats and transmembrane domains 2 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | LRTM2                                                                           |
| <b>Synonyms</b>        | FLJ42697                                                                        |
| <b>Gene ID</b>         | 654429                                                                          |
| <b>mRNA Refseq</b>     | NM_001039029.3                                                                  |
| <b>Protein Refseq</b>  | NP_001034118.1                                                                  |

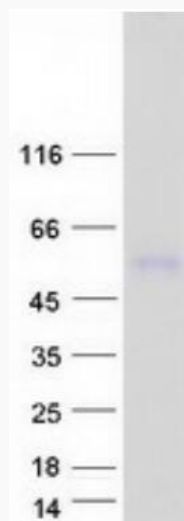
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q8N967



Coomassie blue staining of purified LRTM2 protein.

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA