

# Recombinant Human LRRTM4 Protein, His-tagged

**Cat. No.** LRRTM4-3351H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LRRTM4 Protein(NP_001128217.1) (Met 1-Lys 424) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-424 aa                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | The recombinant human LRRTM4 consists of 405 amino acids and predicts a molecular mass of 46.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh LRRTM4 is approximately 65 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                   |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                                  |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                              |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                     |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | LRRTM4 leucine rich repeat transmembrane neuronal 4 [ Homo sapiens ]                                                                                                                              |
| Official Symbol | LRRTM4                                                                                                                                                                                            |
| Synonyms        | LRRTM4; leucine rich repeat transmembrane neuronal 4; leucine-rich repeat transmembrane neuronal protein 4; FLJ12568; leucine-rich repeat transmembrane neuronal 4 protein; MGC120633; MGC120636; |
| Gene ID         | 80059                                                                                                                                                                                             |
| mRNA Refseq     | NM_024993                                                                                                                                                                                         |
| Protein Refseq  | NP_079269                                                                                                                                                                                         |
| MIM             | 610870                                                                                                                                                                                            |
| UniProt ID      | Q86VH4                                                                                                                                                                                            |

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