

# Recombinant Human GLIPR1L2, His-tagged

**Cat. No.** GLIPR1L2-13300H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GLIPR1L2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 1-253a.a.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.                                                                                                                                                                                                                      |

## GENE INFORMATION

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| <b>Gene Name</b> | GLIPR1L2 GLI pathogenesis-related 1 like 2 [ Homo sapiens ] |
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|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | GLIPR1L2                                                                      |
| <b>Synonyms</b>            | GLIPR1L2; GLI pathogenesis-related 1 like 2; GLIPR1-like protein 2; MGC39497; |
| <b>Gene ID</b>             | <a href="#">144321</a>                                                        |
| <b>mRNA Refseq</b>         | <a href="#">NM_152436</a>                                                     |
| <b>Protein Refseq</b>      | <a href="#">NP_689649</a>                                                     |
| <b>MIM</b>                 | <a href="#">610394</a>                                                        |
| <b>UniProt ID</b>          | <a href="#">Q4G1C9</a>                                                        |
| <b>Chromosome Location</b> | 12q21.1                                                                       |

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