

## Recombinant Human GPR61, His-tagged

**Cat. No.** GPR61-13483H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GPR61 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>    | 351-451a.a.                                                                                                                                                                                                                                                               |
| <b>Description</b>      | Syntabulin/GOLSYN is part of a kinesin motor-adaptor complex that is critical for the anterograde axonal transport of active zone components and contributes to activity-dependent presynaptic assembly during neuronal development (Cai et al., 2007 [PubMed 17611281]). |
| <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>       | GPR61 G protein-coupled receptor 61 [ Homo sapiens ] |
| <b>Official Symbol</b> | GPR61                                                |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | GPR61; G protein-coupled receptor 61; probable G-protein coupled receptor 61; BALGR; biogenic amine receptor-like GPCR; biogenic amine receptor-like G-protein coupled receptor; GPCR3; |
| <b>Gene ID</b>             | <a href="#">83873</a>                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | <a href="#">NM_031936</a>                                                                                                                                                               |
| <b>Protein Refseq</b>      | <a href="#">NP_114142</a>                                                                                                                                                               |
| <b>MIM</b>                 | <a href="#">606916</a>                                                                                                                                                                  |
| <b>UniProt ID</b>          | <a href="#">Q9BZJ8</a>                                                                                                                                                                  |
| <b>Chromosome Location</b> | 1p13.3                                                                                                                                                                                  |
| <b>Pathway</b>             | GPCRs, Other, organism-specific biosystem;                                                                                                                                              |
| <b>Function</b>            | G-protein coupled receptor activity; receptor activity; signal transducer activity;                                                                                                     |

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