

# Recombinant Human GPR177, His-tagged

**Cat. No.** GPR177-13465H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GPR177 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>    | 34-239a.a.                                                                                                                                                                                                                       |
| <b>Description</b>      | Glucosamine-6-phosphate deaminase (EC 3.5.99.6) is an allosteric enzyme that catalyzes the reversible conversion of D-glucosamine-6-phosphate into D-fructose-6-phosphate and ammonium (Arreola et al., 2003 [PubMed 12965206]). |
| <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>       | WLS <i>wntless</i> homolog ( <i>Drosophila</i> ) [ <i>Homo sapiens</i> ] |
| <b>Official Symbol</b> | WLS                                                                      |

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| <b>Synonyms</b>            | wntless homolog (Drosophila); 30238; Ensembl:ENSG00000116729; FLJ23091, MGC14878, MGC131760, DKFZp686I0788; protein wntless homolog;G protein-coupled receptor 177;integral membrane protein GPR177;protein evenness interrupted homolog;putative NFkB activating protein 373;putative NF-kappa-B-activating protein 373; EVI; MRP; GPR177; C1orf139 |
| <b>Gene ID</b>             | <a href="#">79971</a>                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>         | <a href="#">NM_001002292.3</a>                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_001002292.3</a>                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | <a href="#">611514</a>                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>          | <a href="#">Q5T9L3</a>                                                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 1p31.3                                                                                                                                                                                                                                                                                                                                               |
| <b>Function</b>            | protein binding; signal transducer activity;                                                                                                                                                                                                                                                                                                         |