

## Recombinant Human GNG2, GST-tagged

Cat. No. GNG2-13363H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GNG2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-71a.a.
<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 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	GNG2 guanine nucleotide binding protein (G protein), gamma 2 [ Homo sapiens ]
<b>Official Symbol</b>	GNG2
<b>Synonyms</b>	GNG2; guanine nucleotide binding protein (G protein), gamma 2; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2; g gamma-1; guanine nucleotide binding protein gamma 2; guanine nucleotide-binding protein G(I)/G(O) gamma-2 subunit;

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<b>Gene ID</b>	54331
<b>mRNA Refseq</b>	NM_001243773
<b>Protein Refseq</b>	NP_001230702
<b>MIM</b>	606981
<b>UniProt ID</b>	P59768
<b>Chromosome Location</b>	14q21
<b>Pathway</b>	ADP signalling through P2Y purinoceptor 1, organism-specific biosystem; ADP signalling through P2Y purinoceptor 12, organism-specific biosystem; Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; Aquaporin-mediated transport, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem;
<b>Function</b>	signal transducer activity;

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