

## Recombinant Human GNB1L, His-tagged

Cat. No. GNB1L-13354H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GNB1L 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>	1-327a.a.
<b>Description</b>	The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor. The receptor mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Two transcript variants encoding different isoforms have been found for this gene.
<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>	GNB1L guanine nucleotide binding protein (G protein), beta polypeptide 1-like [ Homo sapiens ]
------------------	--

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	GNB1L
<b>Synonyms</b>	guanine nucleotide binding protein (G protein), beta polypeptide 1-like; 4397; Ensembl:ENSG00000185838; KIAA1645; guanine nucleotide-binding protein subunit beta-like protein 1;WD repeat-containing protein 14;G-protein beta subunit-like protein;g protein subunit beta-like protein 1;WD40 repeat-containing protein deleted in VCFS;guanine nucleotide binding protein beta-subunit-like polypeptide; GY2; FKSG1; WDR14; WDVCF; DGCRK3
<b>Gene ID</b>	54584
<b>mRNA Refseq</b>	NM_053004.2
<b>Protein Refseq</b>	NP_443730.1
<b>MIM</b>	610778
<b>UniProt ID</b>	Q9BYB4
<b>Chromosome Location</b>	22q11.2
<b>Function</b>	molecular_function;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA