Recombinant Human GNB1L, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GNB1L protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-327a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GNB1L guanine nucleotide binding protein (G protein), beta polypeptide 1-like [Homo sapiens]

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Official Symbol	GNB1L
Synonyms	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
Gene ID	54584
mRNA Refseq	NM_053004.2
Protein Refseq	NP_443730.1
MIM	610778
UniProt ID	Q9BYB4
Chromosome Location	22q11.2
Function	molecular_function;

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