

Recombinant Full Length Human GNB1L Protein, GST-tagged

Cat. No. GNB1L-5341HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNB1L full-length ORF (NP_443730.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	327 amino acids
Description	<p>This gene encodes a G-protein beta-subunit-like polypeptide which is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 6 WD repeats and is highly expressed in the heart. The gene maps to the region on chromosome 22q11, which is deleted in DiGeorge syndrome, trisomic in derivative 22 syndrome and tetrasomic in cat-eye syndrome. Therefore, this gene may contribute to the etiology of those disorders. Transcripts from this gene share exons with some transcripts from the C22orf29 gene. [provided by RefSeq</p>
Molecular Mass	62 kDa
AA Sequence	MTAPCPPPPDPQFVLRGTQSPVHALHFCEGAQAQGRPLLFSGSQSGLVHIWSLQ TRRAVTTLDGHGGQCVTWLQTLPQGRQLLSQGRDLKLCLWDLAEGRSVVDSVCL

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

ESVGFCRSSLILAGGQPRWTLAVPGRGSDEVQILEMPSKTSVCALKPKADAKLGMMPM
 CLRLWQADCSSRPLLLAGYEDGSVVLWDVSEQKVCSSRIACHEEPVMDLDFDSQKA
 RGISGSAGKALAVWSLDWQQALQVRGTHELTNPGIAEVTIRPDRKILATAGWDHRIR
 VFHWRTMQPLAVLAFHSAAVQCVAFTADGLLAAGSKDQRISLWSLYPRA

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GNB1L guanine nucleotide binding protein (G protein), beta polypeptide 1-like [Homo sapiens]
Official Symbol	GNB1L
Synonyms	GY2; FKSG1; WDR14; WDVCF; DGCRK3
Gene ID	54584
mRNA Refseq	NM_053004
Protein Refseq	NP_443730

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127


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



MIM	610778
UniProt ID	Q9BYB4

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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