



Recombinant Human Guanine nucleotide-binding protein subunit beta-like protein 1 (GNB1L)

Product Code	CSB-EP866315HU-B
Abbreviation	GNB1L
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BYB4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTAPCPPPPP DPQFVLRGTQ SPVHALHFCE GAQAQGRPLL FSGSQSGLVH IWSLQTRRAV TTLDGHHGGQC VTWLQTLTPQG RQLLSQGRDL KLCLWDLAEG RSAVVDSVCL ESGVFCRSSI LAGGQPRWTL AVPGRGSDEV QILEMPSKTS VCALKPKADA KLGMPMCLRL WQADCSSRPL LLAGYEDGSV VLWDVSEQKV CSRIACHEEP VMDLDFDSQK ARGISGSAGK ALAVWSLDWQ QALQVRGTHE LTNPGIAEVT IRPDRKILAT AGWDHRIRVF HWRTMQPLAV LAFHSAAVQC VAFTADGLLA AGSKDQRISL WSLYPRA
Source	E.coli
Target Names	GNB1L
Protein Names	Recommended name: Guanine nucleotide-binding protein subunit beta-like protein 1 Short name= G protein subunit beta-like protein 1 Alternative name(s): DGCRK3 WD repeat-containing protein 14 WD40 repeat-containing protein deleted in
Expression Region	1-327
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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