

## Recombinant Full Length Human GNB4 Protein, GST-tagged

Cat. No. GNB4-5371HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GNB4 full-length ORF ( AAH00873.1, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	340 amino acids
<b>Description</b>	Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. [provided by RefSeq]
<b>Molecular Mass</b>	63.14 kDa
<b>AA Sequence</b>	MSELEQLRQEAQEQLRNQIQDAREACNDATLVQITSNMDSVGRIQMRTRRTLGRHLA KIYAMHWGYDSRLLVSASQDGKLIWDSYTTNKMHAIPLRSSWVMTCAYAPSGNYV ACGGLDNICSIYNLKTREGNVRVRSRELPGHTGYLSCCRFLDDSQIVTSSGDTTTCALW DIETAQQTTTTFTGHSGDVMSLSLSPDMRTFVSGACDASSKLWDIRDGMCRQSFTG HVSDINAVSFFPNGYAFATGSDDATCRLFDLRADQELLYSHDNIICGITSVAFSKSG RLLLAGYDDFNCNVWDTLKGDRAGVLAGHDNRVSLGVTDDGMAVATGSWDSFL RIWN

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GNB4 guanine nucleotide binding protein (G protein), beta polypeptide 4 [ Homo sapiens ]
<b>Official Symbol</b>	GNB4
<b>Synonyms</b>	GNB4; guanine nucleotide binding protein (G protein), beta polypeptide 4; guanine nucleotide-binding protein subunit beta-4; transducin beta chain 4; G protein beta-4 subunit; guanine nucleotide binding protein beta subunit 4;
<b>Gene ID</b>	59345
<b>mRNA Refseq</b>	NM_021629
<b>Protein Refseq</b>	NP_067642
<b>MIM</b>	610863
<b>UniProt ID</b>	Q9HAV0

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