

Recombinant Full Length Human GNB1 Protein, GST-tagged

Cat. No. GNB1-5339HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GNB1 full-length ORF (AAH04186, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	340 amino acids
Description	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. This gene uses alternative polyadenylation signals. [provided by RefSeq]
Molecular Mass	63.14 kDa
AA Sequence	<pre> MSELDQLRQEAQKLNQIRDARKACADATLSQITNNIDPVGRIQMRRTRTLRGHLAKI YAMHWGTDSTRLLVSASQDGKLIWDSYTTNKVHAIPLRSSWVMTCAYAPSGNYVAC GGLDNICSIYNLKTREGNVRVSRERAGHTGYLSCCRFLDDNQIVTSSGDTTCALWDI ETGQQTTTTFTGHTGDVMSLSLAPDTRLFVSGACDASAKLWDVREGMCRQTFTGHE SDINAICFFPNGNAFATGSDDATCRLFDLRADQELMTYSHDNIICGITSVSFSKSGRLL LAGYDDFNCNVWDALKADRAGVLAGHDNRVSLGVTDDGMAVATGSWDSFLKIW N </pre>

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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	GNB1 guanine nucleotide binding protein (G protein), beta polypeptide 1 [Homo sapiens]
Official Symbol	GNB1
Synonyms	GNB1; guanine nucleotide binding protein (G protein), beta polypeptide 1; guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1; transducin beta chain 1; G protein, beta-1 subunit; beta subunit, signal-transducing proteins GS/GI; guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 1;
Gene ID	2782
mRNA Refseq	NM_002074
Protein Refseq	NP_002065
MIM	139380

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UniProt ID

P62873

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