Recombinant Human GNB2 Protein, GST-tagged

Cat. No. GNB2-5054H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNB2 full-length ORF (AAH10073, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 contains a trinucleotide (CCG) repeat length polymorphism in its 5 UTR. [provided by RefSeq
Molecular Mass	63.14 kDa
AA Sequence	MSELEQLRQEAEQLRNQIRDARKACGDSTLTQITAGLDPVGRIQMRTRRTLRGHLA KIYAMHWGTDSRLLVSASQDGKLIIWDSYTTNKVHAIPLRSSWVMTCAYAPSGNFVA CGGLDNICSIYSLKTREGNVRVSRELPGHTGYLSCCRFLDDNQIITSSGDTTCALWDI ETGQQTVGFAGHSGDVMSLSLAPDGRTFVSGACDASIKLWDVRDSMCRQTFIGHE SDINAVAFFPNGYAFTTGSDDATCRLFDLRADQELLMYSHDNIICGITSVAFSRSGRL LLAGYDDFNCNIWDAMKGDRAGVLAGHDNRVSCLGVTDDGMAVATGSWDSFLKIW N

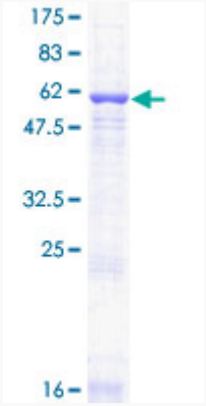
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated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

GENE INFORMATION

Gene Name	GNB2 guanine nucleotide binding protein (G protein), beta polypeptide 2 [Homo sapiens]
Official Symbol	GNB2
Synonyms	GNB2; guanine nucleotide binding protein (G protein), beta polypeptide 2; guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2; G protein; beta 2 subunit; guanine nucleotide binding protein G(I)/G(S)/G(T) beta subunit 2; signal transducing guanine nucleotide binding regulatory protein beta subunit; transducin beta chain 2; g protein subunit beta-2; G protein, beta-2 subunit; guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 2; signal-transducing guanine nucleotide-binding regulatory protein beta subunit;
Gene ID	2783
mRNA Refseq	NM_005273
Protein Refseq	NP_005264

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MIM	139390
UniProt ID	P62879
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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