

Recombinant Human GNB4 Protein, GST-tagged

Cat. No. GNB4-5057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNB4 full-length ORF (AAH00873.1, 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. [provided by RefSeq]
Molecular Mass	63.14 kDa
AA Sequence	MSELEQLRQEAEQLRNQIQDAREACNDATLVQITSNMDSVGRIQMRTRRTLRGHLA KIYAMHWGYDSRLLVSASQDGKLIWDSYTTNKMHAIPLRSSWVMTCAYAPSGNYV ACGGLDNICSIYNLKTREGNVRVSRPELPGHTGYLSCCRFLDDSQIVTSSGDTTCALW DIETAQQTFTTGHSGDVMSLSLSPDMRTFVSGACDASSKLWDIRDGMCRQSFTG HVSDINAVSFFPNGYAFATGSDDATCRLFDLRADQELLYSHDNIICGITSVAFSKSG RLLLAGYDDFNCNVWDTLKGDRAGVLAGHDNRVSLGVTDDGMAVATGSWDSFL RIWN
Applications	Enzyme-linked Immunoabsorbent Assay

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	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

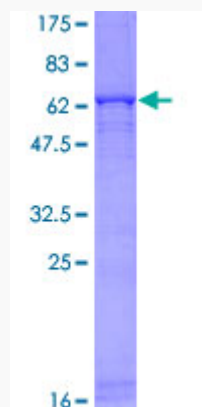
Gene Name	GNB4 guanine nucleotide binding protein (G protein), beta polypeptide 4 [Homo sapiens]
Official Symbol	GNB4
Synonyms	GNB4; guanine nucleotide binding protein (G protein), beta polypeptide 4; guanine nucleotide-binding protein subunit beta-4; transducin beta chain 4; G protein beta-4 subunit; guanine nucleotide binding protein beta subunit 4;
Gene ID	59345
mRNA Refseq	NM_021629
Protein Refseq	NP_067642
MIM	610863
UniProt ID	Q9HAV0

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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