

Recombinant Full Length Human GNB5 Protein, GST-tagged

Cat. No. GNB5-5372HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNB5 full-length ORF (AAH11671, 1 a.a. - 126 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	126 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. Alternatively spliced transcript variants encoding different isoforms exist. [provided by RefSeq]
Molecular Mass	39.6 kDa
AA Sequence	MATEGLHENETLASLKSEAESLKGKLEEEERAKLHDVELHQVAERVEALGQFVMKTR RTLKGHGNKVL CMDWCKDKRRIVSSSQDGKVIVWDSFTTNKVRHCSQPRYRGFRI PAYLKVLWSSCPALS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	GNB5 guanine nucleotide binding protein (G protein), beta 5 [Homo sapiens]
Official Symbol	GNB5
Synonyms	GNB5; guanine nucleotide binding protein (G protein), beta 5; guanine nucleotide-binding protein subunit beta-5; GB5; gbeta5; transducin beta chain 5; G protein, beta-5 subunit; G protein, beta subunit 5L; guanine nucleotide-binding protein, beta subunit 5L; FLJ37457; FLJ43714;
Gene ID	10681
mRNA Refseq	NM_006578
Protein Refseq	NP_006569
MIM	604447
UniProt ID	O14775

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