

Recombinant Human GNB1, GST-tagged

Cat. No. GNB1-13353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNB1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	2-339a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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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
UniProt ID	P62873
Chromosome Location	1p36.33
Pathway	ADP signalling through P2Y purinoceptor 1, organism-specific biosystem; ADP signalling through P2Y purinoceptor 12, organism-specific biosystem; Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; Aquaporin-mediated transport, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem;
Function	G-protein coupled receptor binding; GTPase activity; GTPase binding; signal transducer activity; type 1 angiotensin receptor binding;