

Recombinant Human GNB5 protein, His-SUMO-tagged

Cat. No. GNB5-2978H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNB5 protein(O14775)(1-353aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-353aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.8 kDa
AA Sequence	MATEGLHENETLASLKSEAESLKGGLEERAKLHDVELHQVAERVEALGQFVMKTR RTLKGHGKVLKCMDWCKDKRRIVSSSQDGKVVWDSFTTNKEHAVTMPCTWVMAC AYAPSGCAIACGGGLDNKCSVYPLTFDKNENMAAKKKSVMHTNYLSACSFTNSDMQ ILTASGDGTCALWDVESGQLLQSFHGHGADVLCCLDLAPSETGNTFVSGGCDKKAMV WDMRSGQCVQAFETHESDINSVRYYPGDAFASGSDDATCRLYDLRADREVAIYSK ESIIFGASSVDFSLSGRLLFAGYNDYTINVWDVLKGSRVSLFGHENRVSTLRVSPDG TAFCSGSWDHTLRVWA
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
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