



# Recombinant Rabbit Guanine nucleotide-binding protein subunit beta-5 (GNB5)

<b>Product Code</b>	CSB-EP761363RB-B
<b>Abbreviation</b>	GNB5
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6PNB6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Oryctolagus cuniculus (Rabbit)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATDGLHENE TLASLKIEAE SLKGGLEER AKLHDVELHQ VAERVEALGQ FVMKTRRTLK GHGNKVL CMD WCKDKRRIVS SSQDGKVIWV DSFTTNKEHA VTMPCTWVMA CAYAPSGCAI ACGGLDNKCS VYPLTFDKNE NMAAKKKSVA MHTNYLSACS FTNSDMQILT ASGDGTCALW DVESGQLLQS FHGHGADVLC LDLAPSETGN TFVSGGCDKK AMVWDMRSGQ CVQAFETHES DINSVRYYP S GDAFASGSDD ATCRLYDLRA DREVAIYSKE SIIFGASSVD FSLSGRLLFA GYNDYTINWV DVLKGARVSI LFGHENRVST LRVSPDGTAF CSGSWDHTLR VWA
<b>Source</b>	E.coli
<b>Target Names</b>	GNB5
<b>Protein Names</b>	Recommended name: Guanine nucleotide-binding protein subunit beta-5 Alternative name(s): Gbeta5 Transducin beta chain 5
<b>Expression Region</b>	1-353
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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