



Recombinant Pongo abelii Guanine nucleotide-binding protein G (I)/G (S)/G (T) subunit beta-1 (GNB1)

Product Code	CSB-EP725280PYX-B
Abbreviation	GNB1
Storage	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.
Uniprot No.	Q5R5W8
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	>85% (SDS-PAGE)
Sequence	SELDQLRQE AEQLKNQIRD ARKACADATL SQITNNIDPV GRIQMRTRRT LRGHLAKIYA MHWGTDSRLL VSASQDGKLI IWDSYTTNKV HAIPLRSSWV MTCAYAPSGN YVACGGLDNI CSIYNLKTRE GNVRVSRELA GHTGYLSCCR FLDDNQIVTS SGDTTCALWD IETGQQTTTF TGHTGDVMSL SLAPDTRLFV SGACDASAKL WDVREGMCRQ TFTGHESDIN AICFFPNGNA FATGSDDATC RLFDLRADQE LMTYSHDNII CGITSVSFSK SGRLLLAGYD DFNCNVWDAL KADRAGVLAG HDDRVSCLGV TDDGMAVATG SWDSFLKIWN
Source	E.coli
Target Names	GNB1
Protein Names	Recommended name: Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 Alternative name(s): Transducin beta chain 1
Expression Region	2-340
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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.
Shelf Life	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.