

Human GNB1 Recombinant Protein



RPPB3618

Product Information Protein Information

Product SKU:

RPPB3618

Accession:

P62873

Host:

Escherichia Coli.

Protein description:

GNB1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 363 amino acids (1-340) and having a molecular mass of 39.8 kDa. GNB1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Guanine Nucleotide Binding Protein (G Protein) Beta Polypeptide 1, Transducin Beta Chain 1, GNB1.

Formulation:

The GNB1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMSELDQL RQEAQLKNQ IRDARKACAD ATLSQITNNI DPVGRIQMRT
RRTLRGHLAK IYAMHWGTDS RLLVSASQDG KLIWDSYTT NKVHAIPLRS SWVMTCAAYAP SGNYVACGGL
DNICSIYNLK TREGNVRVSR ELAGHTGYLS CCRFLDDNQI VTSSGDTTCA LWDIETGQQT TTFTGHTGDV
MSLSLAPDTR LRVSGACDAS AKLWDVREGM CRQFTFGHES DINAICFFPN GNAFATGSDD ATCRLFDLRA
DQELMTYSHD NIICGITSVS FSKSGRLLLA GYDDFNCNVW DALKADRAGV LAGHDNRVSC LGVTDDGMAV
ATGSWDSFLK IWN.