

Human GPN1 Recombinant Protein



RPPB3636

Product Information Protein Information

Product SKU:

RPPB3636

Accession:

Q9HCN4

Host:

E.coli.

Protein description:

GPN1 Human Recombinant produced in E. coli is a single polypeptide chain containing 398 amino acids (1-374) and having a molecular mass of 44.3 kDa. GPN1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

GPN-loop GTPase 1, XPA binding protein 1 GTPase, RNA polymerase II associated protein 4, MBD2-interacting protein, MBDin, ATP(GTP)-binding protein, XAB1, ATPBD1A, NTPBP, RPAP4.

Formulation:

The GPN1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl, 1mM DTT and 10% glycerol.

Purity:

Greater than 90% 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:

MGSSHHHHH SGLVPRGSH MGSHEMAASAA AAELQASGGP RHPVCLLVLG MAGSGKTFV QRLTGHLHAQ
GTPPYVINLD PAVHEVPFPA NIDIRDVKY KEVMKQYGLG PNGGIVTSLN LFATRFDQVM KFIEKAQNMS
KYVLIDTPGQ IEVFTWSASG TIITEALASS FPTWVYVMD TSRSTNPVTF MSNMLYACSI LYKTKLPFIV
VMNKTDIIDH SFAVEWMQDF EAFQDALNQE TTYVSNLTRS MSLVLDEFYS SLRVVGVS AV LGTGLDEL FV
QVTSAAEEYE REYRPEYERL KKSLANAESQ QQREQLERLR KDMGSVALDA GTAKDSLSPV LHPSDLILTR
GTLDEEDEEA DSDTDDIDHR VTEESHEEPA FQNFMQESMA QYWKRNNK