

Human EIF2B1 Recombinant Protein



RPPB3423

Product Information Protein Information

Product SKU:

RPPB3423

Accession:

Q14232

Host:

Escherichia Coli.

Protein description:

EIF2B1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 325 amino acids (1-305 a.a.) and having a molecular mass of 35.8kDa. EIF2B1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Translation initiation factor eIF-2B subunit alpha, eIF-2B GDP-GTP exchange factor subunit alpha, EIF2B1, EIF2BA, EIF2B.

Formulation:

The EIF2B1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.

Purity:

Greater than 90.0% 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 SSSLVPRGSH MDDKELIEYF KSQMKEDPDM ASAVAAIRTL LEFLKRDKGE TIQGLRANLT
SAIETLCGVD SSVAVSSGGE LFLRFISLAS LEYSYDYSKCK KIMIERGELF LRRISLSRNK IADLCHTFIK DGATILTHAY
SRVVLRVLEA AVAAKKRFSV YVTESQPDLS GKKMAKALCH LNVPTVVLD AAVGYIMEKA DLVIVGAEGV
VENGGIINKI GTNQMAVCAK AQNKPFYVVA ESFKFVRLFP LNQQDVPDKF KYKADTLKVA QTGQDLKEEH
PWVDYTAPSL ILLFTDLGV LTPSAVSDEL IKLYL.