

RAB6B Human

Description: RAB6B Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 228 amino acids (1-208 a.a.) and having a molecular mass of 25.6kDa. The RAB6B is purified by proprietary chromatographic techniques.

Catalog #: PRPS-110

For research use only.

Synonyms: Ras-related protein Rab-6B, RAB6B.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSAGGDFGNP LRKFKLVFLG
EQSVGKTS LI TRFMYSFDN TYQATIGIDF LSKTMYLED R TVRLQLWDTA GQERFRSLIP
SYIRDSTVAV VVYDITNLNS FQQTSKWIDD VRTERGSDVI IMLVGNKTDL ADKRQITIEE
GEQRAKELSV MFIETSAKTG YNVKQLFRRV ASALPGMENV QEKSKEGMID IKLDKPQEPP
ASEGGCSC.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The RAB6B solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

Stability:

RAB6B should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

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Introduction:

Ras-related protein Rab-6B (RAB6B) is a member of the Rab6 family of the small GTPase superfamily. The Rab6 subfamily consists of 3 different isoforms: Rab6A, Rab6A' and Rab6B. Both Rab6A and Rab6A' are ubiquitously expressed while Rab6B is mainly expressed in brain. Rab6 is a main regulator in the retrograde transfer from endosomes via the Golgi to the ER and may act in retrograde transport in neuronal cells.

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