

32-3225: ARF5 Recombinant Protein

Alternative Name : ADP-ribosylation factor 5,ARF5.

Description

Source : Escherichia Coli. ARF5 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 200 amino acids (1-180 a.a) and having a molecular mass of 22.6kDa.ARF5 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ADP-ribosylation factor 5 (ARF5) is a small guanine nucleotide-binding protein which enhances the enzymatic activities of cholera toxin. ARF-dependent regulatory mechanisms include the coordination of spectrin interactions with golgi membranes and the connection of actin to the golgi via rho family-dependent G-protein localization and WASP/Arp2/3 complexes. ARF5 is involved in vesicular transport and functioning via phospholipase D activation.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	ARF5 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.1M NaCl.
Storage condition :	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 :	MGSSHHHHHH SSSLVPRGSH MGLTVSALFS RIFGKKQMRI LMVGLDAAGK TTILYKLLKG EIVTTIPTIG FNVETVEYKN ICFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV QESADELQKM LQEDEL RDAV LLVFANKQDM PNAMPVSELT DKLGLQHLRS RTWYVQATCA TQGTGLYDGL DWLSHELKSR.