

32-3240: ARL4D Recombinant Protein

Alternative Name : ADP-ribosylation factor-like 4D,ADP-ribosylation factor-like protein 4L,ARF4L,ARL6.

Description

Source : E.coli. ARL4D Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-201) and having a molecular mass of 24.3 kDa.ARL4D is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ARL4D is a developmentally regulated member of the ADP-ribosylation factor/ARF-like protein (ARF/ARL) family of Ras-related GTPases. Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors (GEF) and GTPase-activating proteins (GAP). ARL4D takes part in membrane-associated intracellular trafficking. Mutations in this gene is linked to Bardet-Biedl syndrome (BBS).

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The ARL4D solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.2M NaCl and 20% glycerol.
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 SSGLVPRGSH MGNHITEMAP TASSFLPHFQ ALHVVVIGLD SAGKTSLLYR LKFKEFVQSV PTKGFNTEKI RVPLGGSRGI TFQVWDVGGQ EKLRLWRSY TRRTDGLVFV VDAAEAERLE EAKVELHRIS RASDNQGVVPV LVLANKQDQP GALSAAEVEK RLAVRELAAL TLTHVQGCSA VDGLGLQQGL ERLYEMILKR KKAARGGKKR R