

32-3241: ARL5A Recombinant Protein

Alternative Name : ARL5,ARFLP5,ADP-ribosylation factor-like 5A.

Description

Source : Escherichia Coli. ARL5A produced in E.Coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (1-179a.a.) and having a molecular mass of 23.3kDa. ARL5A is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. ARL5A is a member of the ARF family of GTP-binding proteins. ARFs are vital in eukaryotic vesicular trafficking pathways and have a crucial part in the activation of phospholipase D. Different from ARF family members, ARL5 is believed to lack ADP-ribosylation enhancing activity. ARL5A is developmentally regulated and has a role in nuclear dynamics and signaling cascades during embryonic development.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The ARL5A protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.2mM PMSF 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. Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGS HMGILFT RIWRLFNHQE HKVIIVGLDN AGKTTILYQF SMNEVHTSP TIGSNVEEIV INNTRFLMWD IGGQESLRSS WNTYYTNTTEF VIVVVDSTDR ERISVTREEL YKMLAHEDLR KAGLLIFANK QDVKECMTVA EISQFLKLT S IKDHQWHIQA CCALTGEGLC QGLEWMMMSRL KIR