

32-3236: ARL2 Recombinant Protein

Alternative Name : ADP-ribosylation factor-like protein 2,ARL2,ARFL2.

Description

Source : Escherichia Coli. ARL2 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 204 amino acids (1-184 a.a.) and having a molecular mass of 23kDa. The ARL2 is purified by proprietary chromatographic techniques. ARL2 is a member of the ADP-ribosylation factor (ARF) family. ARL2 functions as a component of a secretory pathway which is involved in the Ca²⁺-dependent release of acetylcholine. ARL2 has a role in the folding of tubule proteins, thus playing a significant role in microtubule dynamics and cell cycle progression. Unlike other members of the ARF family, ARL2 doesn't act as an activator of the catalytic subunit of cholera toxin.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The ARL2 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1mM PMSF, 1mM DTT and 40% 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 MGLLTILKKM KQKERELRL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNWDVGGQ KSLRSYWRNY FESTDGLI WV VDSADRQRMQ DCQRELQSL VEERLAGATL LIFANKQDLP GALSSNAIRE ALELDSIRSH HWCIQGCSAV TGENLLPGID WLLDDISSRI FTAD.

