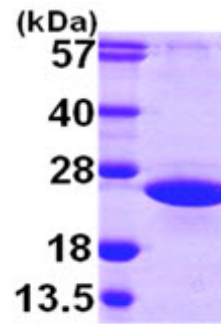


**AR09785PU-N****Human ARL2 (1-184, His-tag) - Purified**

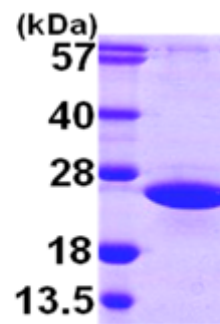
<b>Alternate names:</b>	ADP-ribosylation factor-like protein 2
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.25 mg/ml (determined by Bradford assay)
<b>Background:</b>	ARL2 belongs to the ADP-ribosylation factor (ARF) family. This protein functions as a component of a secretory pathway that is involved in the Ca <sup>2+</sup> -dependent release of acetylcholine. It plays a role in the folding of tubule proteins, thereby playing an important role in microtubule dynamics and cell cycle progression. Unlike other members of the ARF family, ARL2 does not act as an activator of the catalytic subunit of cholera toxin.
<b>Uniprot ID:</b>	<a href="#">P36404</a>
<b>NCBI:</b>	<a href="#">NP_001186674</a>
<b>GeneID:</b>	<a href="#">402</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 mM PMSF, 1mM DTT, 40% Glycerol
<b>Description:</b>	Recombinant human ARL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. <b>AA Sequence:</b> <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MGLLTILKKM KQKERELRLL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNIDVGGQ KSLRSYWRNY FESTDGLIYW VDSADRQRMQ DCQRELQSLL VEERLAGATL LIFANKQDLP GALSSNAIRE ALELDSIRSH HWCIQGCSAV TGENLLPGID WLLDDISSRI FTAD <b>Molecular weight:</b> 23 kDa (204aa), confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Smith DF., et al. (2010) Mol Biochem Parasitol. 173(2):123-31. Dumontet C., et al (2009) PLoS One. 4(10):e7478.

Pictures:



Recombinant human ARL2, 1-184aa, His-tagged

15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)