
Product Data Sheet

Product Name: ARL2 Human
 Cat. No.: GP22771
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ADP-ribosylation factor-like protein 2; ARL2; ARFL2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGLLTILKKM KQKERELRLL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNIWDVGGQ KSLRSYWRNY FESTDGLI WV VDSADRQRMQ DCQRELQSL VEERLAGATL LIFANKQDLP GALSSNAIRE ALELDSIRSH HWCIQGCSAV TGENLLPGID WLLDDISSRI FTAD.		
Formulation	The ARL2 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1mM PMSF, 1mM DTT and 40% Glycerol.		

Introduction

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA