Product datasheet

Recombinant Human ARL1 protein ab99261

Overview

Product name: Recombinant Human ARL1 protein
Protein length: Full length protein

Description

Nature: Recombinant
Source: Escherichia coli
Amino Acid Sequence
Accession: P40616
Species: Human
Sequence: MGSSHHHHHHSSGLVPRGSHMGFFSSSFSSLFQGTR
EMRILILGLDGAK
TTILYRLQGEVTTIPTIGFNVETVYKNKFLQVLVWDLG
GQTSRYWRC
YSNTDAVIYVDSCDRDIGKSKSELVAMLEEEEELRKAILVVFANKQDM
EQAMTSSEMANSLGPALKDRKWQIFKTSATKGTLDEAMEWLVERLTKSRQ

Molecular weight: 23 kDa including tags
Amino acids: 1 to 181
Tags: His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab99261 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be
determined by the end user.

Applications
SDS-PAGE
Mass Spectrometry
Mass spectrometry: MALDI-TOF
Purity: > 95 % SDS-PAGE.
ab99261 is purified using conventional chromatography techniques.
Form  Liquid

Preparation and Storage

Stability and Storage  Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
  pH: 8.00
  Constituents: 0.0308% DTT, 0.316% Tris HCl, 40% Glycerol, 0.58% Sodium chloride

General Info

Function  GTP-binding protein that has very low efficiency as allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Can activate phospholipase D with very low efficiency. Important for normal function of the Golgi apparatus.

Tissue specificity  Detected in heart, liver, lung and liver (at protein level). Detected in fetal heart, lung, liver and kidney. Detected in adult heart, placenta, lung, liver, skeletal muscle, kidney and pancreas.

Sequence similarities  Belongs to the small GTPase superfamily. Arf family.

Cellular localization  Golgi apparatus membrane.

Images

15% SDS-PAGE showing ab99261 at approximately 22.5kDa (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,
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