

Product datasheet

Recombinant Human ARL2BP protein ab101067

1 Image

Description

Product name	Recombinant Human ARL2BP protein
Purity	> 90 % SDS-PAGE. ab101067 was purified using conventional chromatography.
Expression system	Escherichia coli
Accession	<u>Q9Y2Y0</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMDALEGESFALSFSSAS DAEFDVAVGYLED IIMDDEFQLLQRNFMKYILEFEDTEENKLIYTIPIFNEYISLV EKYIEEQ LLQRIPEFNMAAFTTTLQHHKDEVAGDIFDMLLTFTDFLAF KEMFLDYRA EKEGRGLDLSSGLVVTSLCKSSSLPASQNNLRH
Predicted molecular weight	21 kDa including tags
Amino acids	1 to 163
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab101067** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.50

Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function

Together with ARL2, plays a role in the nuclear translocation, retention and transcriptional activity of STAT3. May play a role as an effector of ARL2.

Tissue specificity

Ubiquitous.

Sequence similarities

Belongs to the ARL2BP family.

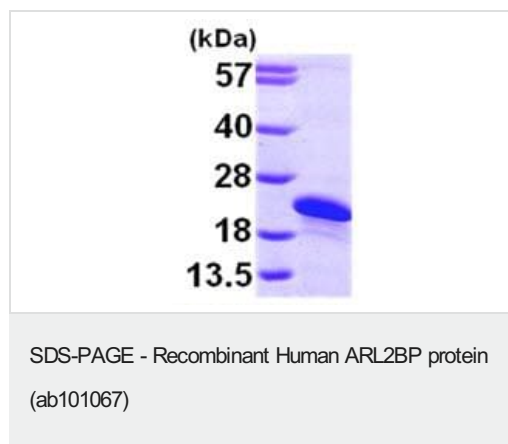
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Cytoplasm. Mitochondrion intermembrane space. Cytoplasm > cytoskeleton > centrosome. Nucleus. Cytoplasm > cytoskeleton > spindle. The complex formed with ARL2BP, ARL2 and SLC25A4 is expressed in mitochondria (By similarity). Detected in the midbody matrix. Not detected in the Golgi, nucleus and on the mitotic spindle. Centrosome-associated throughout the cell cycle. Not detected to interphase microtubules.

Images



15% SDS-PAGE analysis of ab101067 (3 µg).

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

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