

Recombinant Human ARL2BP, GST-tagged

Cat. No. ARL2BP-9855H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human ARL2BP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 1-163a.a.

Description ADP-ribosylation factor (ARF)-like proteins (ARLs) comprise a functionally distinct group of the ARF family of RAS-related GTPases. The protein encoded by this gene binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. The lack of detectable membrane association of this protein or ARL2 upon activation of ARL2 is suggestive of actions distinct from those of the ARFs. This protein is considered to be the first ARL2-specific effector identified, due to its interaction with ARL2.GTP but lack of ARL2 GTPase-activating protein activity.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	ARL2BP ADP-ribosylation factor-like 2 binding protein [Homo sapiens]
Official Symbol	ARL2BP
Synonyms	ARL2BP; ADP-ribosylation factor-like 2 binding protein; ADP-ribosylation factor-like protein 2-binding protein; BART; BART1; binder of Arl2; binder of Arl Two; binder of ARF2 protein 1; ARF-like 2-binding protein; Arf-like 2 binding protein BART1;
Gene ID	23568
mRNA Refseq	NM_012106
Protein Refseq	NP_036238
UniProt ID	Q9Y2Y0
Chromosome Location	16q13
Function	protein binding; small GTPase regulator activity; transcription coactivator activity;

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