

Product datasheet for **AR09704PU-L**

ARL2BP (1-163, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ARL2BP (1-163, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MDALEGESFA LSFSSASDAE FDAVVGYLED IIMDDEFQLL QRNFMDKYYL EFEDTEENKL IYTIPIFNEYI SLVEKYIEEQ LLQRIPEFNM AAFTTTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS SGLVVTSLCK SSSLPASQNN LRH
Tag:	His-tag
Predicted MW:	20.9 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ARL2BP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_036238</u>
Locus ID:	23568
UniProt ID:	<u>Q9Y2Y0</u> , <u>A0A024R6U9</u>
Cytogenetics:	16q13
Synonyms:	BART; BART1; RP66



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Summary:

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. [provided by RefSeq, Jul 2008]

Product images: