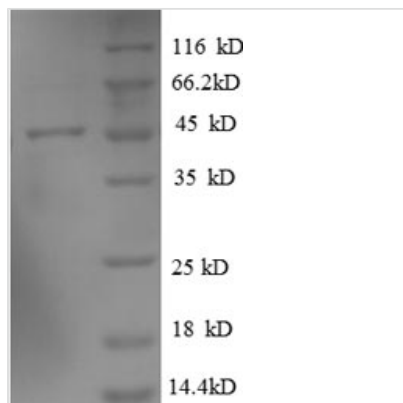




Recombinant Human ADP-ribosylation factor-like protein 2-binding protein (ARL2BP)

Product Code	CSB-EP897097HU
Relevance	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.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y2Y0
Alias	Binder of ARF2 protein 1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDALEGESFALSFSASDAEFDAVVGYLEDIIMDDEFQLLQRNFMCKYYLEFE DTEENKLIYTPIFNEYISLVEKYIEEQLLQRIPEFNMAAFTTTLQHHKDEVAGDIF DMLLTFTDFLAFKEMFLDYRAEKEGRGLDLSSGLVVTSLCKSSSLPASQNNLR H
Lead Time	3-7 business days
Research Area	Signal Transduction
Source	E.coli
Gene Names	ARL2BP
Expression Region	1-163aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	45.8kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The region for expressing recombinant Human ARL2BP contains amino acids 1-163. The theoretical molecular weight of the ARL2BP protein is 45.8 kDa. The ARL2BP protein was expressed in e.coli. The N-terminal GST tag was fused into the coding gene segment of ARL2BP, making it easier to detect and purify the ARL2BP recombinant protein in the later stages of expression and purification.

The human ADP-ribosylation factor-like protein 2-binding protein (ARL2BP) is a protein that interacts with ARL2, an ADP-ribosylation factor-like protein involved in intracellular vesicle trafficking. ARL2BP has been implicated in processes related to cellular organization and vesicle transport. It may play a role in microtubule dynamics and centrosome function. Research on ARL2BP aims to uncover its specific cellular functions, interactions with ARL2, and its potential involvement in cellular processes critical for overall cell function and organization.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.