

Product datasheet for **TP309368L**

ARL8B (NM_018184) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-ribosylation factor-like 8B (ARL8B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209368 protein sequence Red =Cloning site Green =Tags(s)

MLALISRLLDWFRSLFWKEEMELTLVGLQYSGKTTFFVNVIASGQFSEDMIPTVGFNMRKVTKGNVTIKIW
DIGGQPRFRSMWERYCRGVNAIVYMIDAADREKIEASRNELHNLLDKPQLQGIPVLVLGNKRDLPNALDE
KQLIEKMNLSAIQDREICCYSISCKEKDNIDITLQWLIQHKSRRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

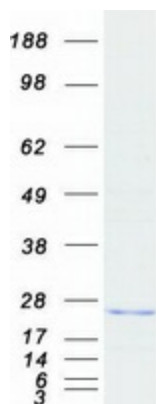
Tag:	C-Myc/DDK
Predicted MW:	21.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060654
Locus ID:	55207
UniProt ID:	Q9NVJ2
RefSeq Size:	3008



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Cytogenetics:	3p26.1
RefSeq ORF:	558
Synonyms:	ARL10C; Gie1
Summary:	Plays a role in lysosome motility (PubMed:16537643, PubMed:25898167). In neurons, mediates the anterograde axonal long-range transport of presynaptic lysosome-related vesicles required for presynaptic biogenesis and synaptic function (By similarity). May play a role in chromosome segregation (PubMed:15331635).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ARL8B protein (Cat# [TP309368]). The protein was produced from HEK293T cells transfected with ARL8B cDNA clone (Cat# [RC209368]) using MegaTran 2.0 (Cat# [TT210002]).