

Recombinant Human ARL3, His-tagged

Cat. No. ARL3-26179TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human ARL3 with a N terminal His tag. 206 amino acids with a predicted MWt 23 kDa including tag.
Species	Human
Source	E.coli
ProteinLength	182 amino acids
Description	ADP-ribosylation factor-like 3 is a member of the ADP-ribosylation factor family of GTP-binding proteins. ARL3 binds guanine nucleotides but lacks ADP-ribosylation factor activity.
Conjugation	HIS
Molecular Weight	23.000kDa inclusive of tags
Tissue specificity	Expressed in the retina. Strongly expressed in connecting cilium, the myoid region of the inner segments (IS) and in cone photoreceptors (at protein level).
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 30% Glycerol, 0.58% Sodium chloride, 0.02%

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	DTT, 0.002% PMSF
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMGSHMGLLSILRKLKSAPDQEVRIILLGLDNAGKTT LLKQLASEDISHITPTQGFNIKSVQSQGFKLVWDIGGQRKIRPYWKNYFENTDILYV IDSADRKRFEETGQELAEELLEEEKLSCVPVLIFANKQDLLTAAPASEIAEGLNLHTIRD RVWQIQSCSALTGEGVQDGMNWWCKNVNAKKK
Sequence Similarities	Belongs to the small GTPase superfamily. Arf family.
GENE INFORMATION	
Gene Name	ARL3 ADP-ribosylation factor-like 3 [Homo sapiens]
Official Symbol	ARL3
Synonyms	ARL3; ADP-ribosylation factor-like 3; ADP-ribosylation factor-like protein 3; ARFL3;
Gene ID	403
mRNA Refseq	NM_004311
Protein Refseq	NP_004302
MIM	604695
Uniprot ID	P36405
Chromosome	10q23.3

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Location

Function

GDP binding; GTP binding; metal ion binding; microtubule binding; nucleotide binding;

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