

Recombinant Human ARL2, His-tagged

Cat. No. ARL2-27185TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ARL2 with an N terminal His tag; 204 amino acids with tag, Predicted MWt 23 kDa.
Species	Human
Source	E.coli
ProteinLength	184 amino acids
Description	This gene encodes a small GTP-binding protein of the RAS superfamily which functions as an ADP-ribosylation factor (ARF). The encoded protein is one of a functionally distinct group of ARF-like genes.
Conjugation	HIS
Molecular Weight	23.000kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 40% Glycerol, 20mM Tris HCl, 1mM DTT, 0.1mM PMSF, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid

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repeated freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMGLLTILKKMKQKERELRLLMLGLDNAGKTTILKKF
 NGEDIDTISPTLGFNIKTLEHRGFKLNIWDVGGQKSLRSYWRNYFESTDGLIWVVDS
 ADRQRMQDCQRELQSLLEERLAGATLLIFANKQDLPALSSNAIREALELDSIRSH
 HWCIQGCSAVTGENLLPGIDWLLDDISSRIFTAD

Sequence Similarities

Belongs to the small GTPase superfamily. Arf family.

GENE INFORMATION

Gene Name

[ARL2 ADP-ribosylation factor-like 2 \[Homo sapiens \]](#)

Official Symbol

[ARL2](#)

Synonyms

ARL2; ADP-ribosylation factor-like 2; ADP-ribosylation factor-like protein 2; ARFL2;

Gene ID

[402](#)

mRNA Refseq

[NM_001199745](#)

Protein Refseq

[NP_001186674](#)

MIM

[601175](#)

Uniprot ID

[P36404](#)

Chromosome Location

11q13

Function

GDP binding; GTP binding; GTPase activity; GTPase inhibitor activity; nucleotide

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binding;

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