

Recombinant Human ARL5B, His-tagged

Cat. No. ARL5B-26184TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human ARL5B with a N terminal His tag; 199aa, 23 kDa.
Species	Human
Source	E.coli
ProteinLength	299 amino acids
Description	ARL5B (ARL8) belongs to a family of proteins that are structurally similar to ADP-ribosylation factors (ARFs; see MIM 103180). ARLs and ARFs are part of the RAS superfamily of regulatory GTPases.
Conjugation	HIS
Molecular Weight	22.500kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00Constituents:0.32% Tris HCl, 0.04% DTT, 30% Glycerol, 0.58% Sodium chloride, 0.03% EDTA
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids

MGSSHHHHHHSSGLVPRGSHMGLIFAKLWSLFCNQECHKVIIVGLDNAGKTTILYQFL
MNEVVHTSPTIGSNVEEIVVKNTHFLMWDIGGQESLRSSWNTYYSNTEFIIILVVDSD
RERLAITKEELYRMLAHEDLRKAAVLIFANKQDMKGCMTAAEISKYLTLSIKDHPWH
IQSCCALTGEGLCQGLEWMTSRIGVR

Sequence Similarities

Belongs to the small GTPase superfamily. Arf family.

GENE INFORMATION

Gene Name [ARL5B ADP-ribosylation factor-like 5B \[Homo sapiens \]](#)

Official Symbol [ARL5B](#)

Synonyms ARL5B; ADP-ribosylation factor-like 5B; ADP ribosylation factor like 8 , ARL8; ADP-ribosylation factor-like protein 5B;

Gene ID [221079](#)

mRNA Refseq [NM_178815](#)

Protein Refseq [NP_848930](#)

MIM [608909](#)

Uniprot ID [Q96KC2](#)

Chromosome Location 10p13

Function GTP binding; nucleotide binding;

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