

Recombinant Full Length Human ARL1 Protein, GST-tagged

Cat. No. ARL1-1190HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARL1 full-length ORF (AAH07000.1, 1 a.a. - 181 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	181 amino acids
Description	The protein encoded by this gene belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]
Molecular Mass	45.54 kDa
AA Sequence	MGGFFSSIFS SLFGTREMRI LILGLDGAGK TTILYRLQVG EVVTTIPTIG FNVETVITYKN LKFQVWDLGG QTSIRPYWRC YYSNTDAVIY VVDSCDRDRI GISKSELVAM LEEEEELRKAI LVVFANKQDM EQAMTSSEMA NSLGLPALKD RKWQIFKTSA TKGTGLDEAM EWLVELKSR Q

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ARL1 ADP-ribosylation factor-like 1 [Homo sapiens]
Official Symbol	ARL1
Synonyms	ARL1; ADP-ribosylation factor-like 1; ADP-ribosylation factor-like protein 1; ARFL1
Gene ID	400
mRNA Refseq	NM_001177
Protein Refseq	NP_001168
MIM	603425
UniProt ID	P40616

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