

Recombinant Human ARL11, His-tagged

Cat. No. ARL11-27184TH Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant full-length Human ARL11 with an N terminal His tag. 261 amino acids with a predicted MWt 23.6 kDa including tag. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 196 amino acids |
| Description | This gene encodes a tumor suppressor related to the ADP-ribosylation factor (ARF) family of proteins. The encoded protein may play a role in apoptosis in a caspase-dependent manner. Polymorphisms in this gene have been associated with some familial cancers. |
| Conjugation | HIS |
| Molecular Weight | 23.600kDa inclusive of tags |
| Tissue specificity | Expressed in lung and leukocytes. |
| Form | Liquid |
| Purity | >90% by SDS-PAGE |
| Storage buffer | pH: 8.00 Constituents: 30% Glycerol, 0.08% DTT, 0.58% Sodium chloride, 0.03% |

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| | EDTA, 0.32% Tris HCl |
| Storage | Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Sequences of amino acids | MGSSHHHHHH SSGLVPRGSH MGSVNSRGHK AEAQVMMGL DSAGKTTLLY KLKGHQLVET LPTVGFNVEP LKAPGHVSLT LWDVGGQAPL RASWKDYLEG TDILVYVLDS TDEARLPESA AELTEVLNDP NMAGVPFLVL ANKQEAPDAL PLLKIRNRLS LERFQDHCWE LRGCSALTGE GLPEALQSLW SLLKSRSCMC LQARAHGAER GDSKRS |
| Sequence Similarities | Belongs to the small GTPase superfamily. Arf family. |
| GENE INFORMATION | |
| Gene Name | ARL11 ADP-ribosylation factor-like 11 [Homo sapiens] |
| Official Symbol | ARL11 |
| Synonyms | ARL11; ADP-ribosylation factor-like 11; ADP-ribosylation factor-like protein 11; ARLTS1; FLJ33930; |
| Gene ID | 115761 |
| mRNA Refseq | NM_138450 |
| Protein Refseq | NP_612459 |
| MIM | 609351 |

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| Uniprot ID | Q969Q4 |
| Chromosome Location | 13q14.12 |
| Function | GTP binding; nucleotide binding; protein binding; |

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