

## Recombinant Human ARL11 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ARL11-963H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ARL11 MS Standard C13 and N15-labeled recombinant protein (NP_612459) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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.       |
| <b>Molecular Mass</b>   | 21.4 kDa                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>MGSVNSRGHKAEAQVMMGLDSAGKTTLLYKLKGHQLVETLPTVGFNVEPLKAPG</p> <p>HVSLTLWDVGGQAPLRASWKDYLEGTDILVYVLDSTDEARLPESAELTEVLNDPN</p> <p>MAGVPFLVLANKQEAPDALPLLKIRNRLSLERFQDHCWELRGCSALTGEGLPALQ</p> <p>SLWSLLKSRSCMCLQARAHGAERGDSKRSTRTRPLEQKLISEEDLAANDILDYKDD</p> <p>DDKV</p> |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                             |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                              |

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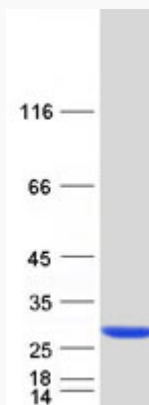
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|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                           |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                         |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                               |
| <b>GENE INFORMATION</b> |                                                                                                                                                                       |
| <b>Gene Name</b>        | ARL11 ADP-ribosylation factor-like 11 [ Homo sapiens (human) ]                                                                                                        |
| <b>Official Symbol</b>  | ARL11                                                                                                                                                                 |
| <b>Synonyms</b>         | ARL11; ADP-ribosylation factor-like 11; ADP-ribosylation factor-like protein 11; ARLTS1; FLJ33930; ADP-ribosylation factor-like tumor suppressor protein 1; MGC17429; |
| <b>Gene ID</b>          | 115761                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_138450                                                                                                                                                             |
| <b>Protein Refseq</b>   | NP_612459                                                                                                                                                             |
| <b>MIM</b>              | 609351                                                                                                                                                                |
| <b>UniProt ID</b>       | Q969Q4                                                                                                                                                                |

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**SDS-PAGE**

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