

Product datasheet for PH301681

ARMER (ARL6IP1) (NM_015161) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | ARL6IP1 MS Standard C13 and N15-labeled recombinant protein (NP_055976) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC201681 |
| Predicted MW: | 23.4 kDa |
| Protein Sequence: | >RC201681 protein sequence Red=Cloning site Green=Tags(s) MAEGDNRSTNLLAAETASLEEQLQGWEVMLMADKVLRWERAWFPPAIMGVVSLVFLIIYYLDPSVLSGV SCFVMFLCLADYLVPI LAPRIFGSNKWTTQQQRFHEICSNLVKTRRRVAVGWWKRLFTLKEEKPKMYFMT MIVSLAAVAWVGQVHNLLTYLIVTSLLLLPLNQHGIILKYIGMAKREINKLLKQKEKKNE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_055976 |
| RefSeq Size: | 2280 |
| RefSeq ORF: | 609 |
| Synonyms: | AIP1; ARL6IP1; ARMER; SPG61 |
| Locus ID: | 23204 |
| UniProt ID: | Q15041 , A0A024QYV7 |



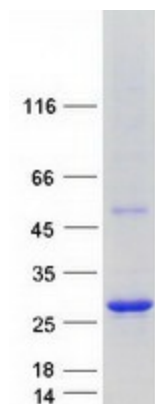
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Cytogenetics: 16p12.3

Summary: This gene belongs to the ARL6ip family and encodes a transmembrane protein that is predominantly localized to intracytoplasmic membranes. It is highly expressed in early myeloid progenitor cells and thought to be involved in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation. Mutations in this gene are associated with spastic paraplegia 61 (SPG61). Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified ARL6IP1 protein (Cat# [TP301681]). The protein was produced from HEK293T cells transfected with ARL6IP1 cDNA clone (Cat# [RC201681]) using MegaTran 2.0 (Cat# [TT210002]).