

# Recombinant Human ART5 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ART5-466H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | ART5 MS Standard C13 and N15-labeled recombinant protein (NP_001073004) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | The protein encoded by this gene belongs to the ARG-specific ADP-ribosyltransferase family. Proteins in this family regulate the function of target proteins by attaching ADP-ribose to specific amino acid residues in their target proteins. The mouse homolog lacks a glycosylphosphatidylinositol-anchor signal sequence and is predicted to be a secretory enzyme. Several transcripts encoding different isoforms have been found for this gene. |
| <b>Molecular Mass</b>   | 32.2 kDa   |
| <b>AA Sequence</b>      | MALAALMIALGSLGLHTWQAQAVPTILPLGLAPDTFDDTYVGCVEEMEEKAAPLLKE<br>EMAHHALLRESWEAAQETWEDKRRGLTLPFGFKAQNGIAIMVYTNSNTLYWELNQ<br>AVRTGGGSRELYMRHFPPKALHFYLIRALQLLRGSGGCSRGPGEVVFRGVGSLRFE<br>PKRLGDSVRLGQFASSSLDKAVAHRFGNATLFLSLTTCFGAPIQAFSVFPKEREVLIPP<br>HEVFLVTRFSQDGAQSLVTLWSYNQTCSHFNCAYLGGKRRGCVSAPGALGTGDL<br>HMTKRHLQQPTRTRPLEQKLISEEDLAANDILDYKDDDDKV   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining  |

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|-----------------------|--|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <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.  |

## GENE INFORMATION

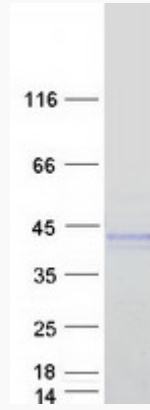
|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | <a href="#">ART5 ADP-ribosyltransferase 5 [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b> | <a href="#">ART5</a>  |
| <b>Synonyms</b>        | ART5; ADP-ribosyltransferase 5; ecto-ADP-ribosyltransferase 5; mono(ADP-ribosyl)transferase 5; NAD(P)(+)-arginine ADP-ribosyltransferase 5; MGC22848; |
| <b>Gene ID</b>         | <a href="#">116969</a>  |
| <b>mRNA Refseq</b>     | <a href="#">NM_001079536</a>  |
| <b>Protein Refseq</b>  | <a href="#">NP_001073004</a>  |
| <b>MIM</b>             | <a href="#">610625</a>  |
| <b>UniProt ID</b>      | <a href="#">Q96L15</a>  |

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**SDS-PAGE**



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