

## Recombinant Human ART4 Protein, His-tagged

**Cat. No.** ART4-101H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ART4 Protein with His tag was expressed in E. coli.                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally.                                                         |
| <b>Molecular Mass</b>   | ~30 kDa                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | SEVAIKIDFDFAPGSFDDQYQGCSKQVMEKLTQGDYFTKDIEAQKNYFRMWQKAHL<br>AWLNQGKVLQPQNMTTTHAVAILFYTLNSNVHSDFTRAMASVARTPQQYERSFHFYK<br>LHYYLTSAIQLLRKDSIMENGTLCYEVHYRTKDVHFNAYTGATIRFGQFLSTSLLKEE<br>AQEFGNQTLFTIFTCLGAPVQYFSLKKEVLIPPYELFKVINMSYHPRGNWLQLRSTGN<br>LSTYNCQLLKA |
| <b>Purity</b>           | Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).                                                                                                                    |
| <b>Notes</b>            | For research use only, not for use in diagnostic procedure.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.                                                                                                                                                       |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer**      PBS, 4M Urea, pH7.4

## GENE INFORMATION

**Gene Name**      [ART4 ADP-ribosyltransferase 4 \(Dombrock blood group\) \[ Homo sapiens \(human\) \]](#)

**Official Symbol**      [ART4](#)

**Synonyms**      ART4; ADP-ribosyltransferase 4 (Dombrock blood group); ADP ribosyltransferase 4 , ADP ribosyltransferase 4 (DO blood group) , DO, Dombrock blood group; ecto-ADP-ribosyltransferase 4; CD297; DOK1; mono-ADP-ribosyltransferase 4; mono(ADP-ribosyl)transferase 4; Dombrock blood group carrier molecule; ADP-ribosyltransferase 4 (DO blood group); NAD(P)(+)-arginine ADP-ribosyltransferase 4; DO;

**Gene ID**      [420](#)

**mRNA Refseq**      [NM\\_021071](#)

**Protein Refseq**      [NP\\_066549](#)

**MIM**      [110600](#)

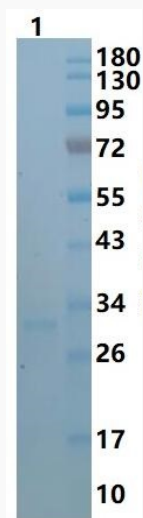
**UniProt ID**      [Q93070](#)

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SDS-PAGE



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