

## Recombinant Human ART4 protein, GST-tagged

**Cat. No.** ART4-870H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ART4 full-length ORF ( NP_066549.2, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<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. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	62.3 kDa
<b>AA Sequence</b>	MGPLINRCKKILLPTTVPPATMRIWLLGGLLPFLLLLSGLQRPTEGSEVAIKIDDFAP GSFDDQYQGCSKQVMEKLTQGDYFTKDIEAQKNYFRMWQKAHLAWLNQGKVLPO NMTTTHAVAILFYTLNSNVHSDFTRAMASVARTPQQYERSFHFYLYLHYYLTSAILLR KDSIMENGLTCYEVHYRTKDVHFNAYTGATIRFGQFLSTSLLKEEAQEFGNQTLFTIF TCLGAPVQYFSLKKEVLIPPYELFKVINMSYHPRGDWLQLRSTGNLSTYNCQLLKAS SKKCIPDPIAIASLSFLTSVIIFSKSRV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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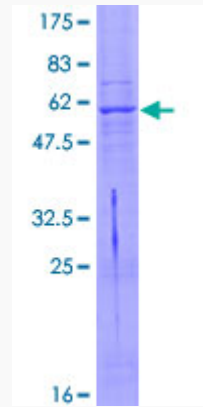
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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ART4 ADP-ribosyltransferase 4 (Dombrock blood group) [ Homo sapiens ]
<b>Official Symbol</b>	ART4
<b>Synonyms</b>	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;
<b>Gene ID</b>	420
<b>mRNA Refseq</b>	NM_021071
<b>Protein Refseq</b>	NP_066549
<b>UniProt ID</b>	Q93070

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12.5% SDS-PAGE Stained with Coomassie Blue.

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