

Recombinant Full Length Human ART4 Protein, GST-tagged

Cat. No. ART4-1019HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ART4 full-length ORF (NP_066549.2, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	314 amino acids
Description	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]
Molecular Mass	62.3 kDa
AA Sequence	MGPLINRCKK ILLPTTVPPA TMRIWLLGGL LPFLLLLSGL QRPTEGSEVA IKIDFDFAPG SFDDQYQGCS KQVMEKLTQG DYFTKDIEAQ KNYFRMWQKA HLAWLNQGKV LPQNMTTTHA VAILFYTLNS NVHSDFTRAM ASVARTPQQY ERSFHF KYLH YYLTS AIQLL RKDSIMENGT LCYEVHYRTK DVHFNAYTGA TIRFGQFLST SLLKEEAQEF GNQTLFTIFT CLGAPVQYFS LKKEVLIPPY ELFKVINMSY HPRGDWLQLR STGNLSTYNC QLLKASSKKC IPDPIAIASL SFLTSVIIFS KSRV

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ART4 ADP-ribosyltransferase 4 (Dombrock blood group) [Homo sapiens]
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