Recombinant Human ART4 protein, GST-tagged

Cat. No. ART4-870H **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	Wheat Germ
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 be en demonstrated experimentally. Antigens of the Dombrock blood group system are l ocated on the gene product, which is glycosylphosphatidylinosotol-anchored to the er ythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reacti ons, are known. [provided by RefSeq, Jul 2008]
Molecular Mass	62.3 kDa
AA Sequence	MGPLINRCKKILLPTTVPPATMRIWLLGGLLPFLLLLSGLQRPTEGSEVAIKIDFDFAP GSFDDQYQGCSKQVMEKLTQGDYFTKDIEAQKNYFRMWQKAHLAWLNQGKVLPQ NMTTTHAVAILFYTLNSNVHSDFTRAMASVARTPQQYERSFHFKYLHYYLTSAIQLLR KDSIMENGTLCYEVHYRTKDVHFNAYTGATIRFGQFLSTSLLKEEAQEFGNQTLFTIF TCLGAPVQYFSLKKEVLIPPYELFKVINMSYHPRGDWLQLRSTGNLSTYNCQLLKAS SKKCIPDPIAIASLSFLTSVIIFSKSRV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

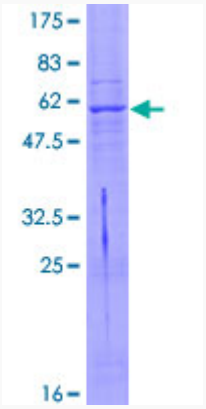
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
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
UniProt ID	Q93070

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA