

Recombinant Human ART4 protein, His-tagged

Cat. No. ART4-3374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ART4 protein(47-285 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	47-285 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SEVAIKIDFD FAPGSFDDQYQGCSKQVMEKLTQGDYFTKDIEAQKNYFRMWQKAHL AWLNQGKVL PQNM TTT HAVAILFYTLNSNVHSD FTRAMASVARTPQQYERSFHFYK LHYYL TSAIQLLRKDSIMENGLCYEVHYRTKDVHFNAYTGATIRFGQFLSTSLLKEE AQEFGNQTLFTIFTCLGAPVQYFSLKKEVLIPPYELFKVINMSYHPRGNWLQLRSTGN LSTYNCQLLKA
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 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

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

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