Recombinant Cynomolgus ART4, Fc tagged

Cat. No. ART4-140C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus ART4 (G7PJY0) (Thr31-Lys300), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	31-300 a.a.
Predicted N Terminal	Thr 31
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus ART4 is a disulfide-linked homodimer. The reduced monomer comprises 480 amino acids and has a calculated molecular mass of 54.7 KDa.The apparent molecular mass of the protein is approximately 66 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ART4 ADP-ribosyltransferase 4 (Dombrock blood group) [Macaca fascicularis (crab-eating macaque)]
Official Symbol	ART4
Gene ID	102134161
mRNA Refseq	XM_005570219
Protein Refseq	XP_005570276
Chromosome Location	11

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