

# Recombinant Full Length Human ART5 Protein, GST-tagged

Cat. No. ART5-1515HF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Human ART5 full-length ORF ( AAH14577.1, 1 a.a. - 292 a.a.) recombinant protein with GST-tag at N-terminal.

**Species** Human

**Source** In Vitro Cell Free System

**Protein Length** 292 amino acids

**Description** The protein encoded by this gene belongs to the ARG-specific ADP-ribosyltransferase family. Proteins in this family regulate the function of target proteins by attaching ADP-ribose to specific amino acid residues in their target proteins. The mouse homolog lacks a glycosylphosphatidylinositol-anchor signal sequence and is predicted to be a secretory enzyme. Several transcripts encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

**Molecular Mass** 58.6 kDa

**AA Sequence**

MALAALMIAL GSLGLHTWQA QAVPTILPLG LAPDTFDDTY VGCVEEMEEK  
 AAPLLKEEMA HHALLRESWE AAQETWEDKR RGLTLPPGFK AQNGIAIMVY  
 TNSSNTLYWE LNQAVRTGGG SRELYMRHFP FKALHFYLIR ALQLLRGSGG  
 CSRGPGEVVF RGVGSLRFEP KRLGDSVRLG QFASSSLDKA VAHRFGNATL  
 FSLTTCFGAP IQAFSVFPKE REVLIPPHEV FLVTRFSQDG AQSLVTLWSY  
 NQTCSHFNCA YLGGEKRRGC VSAPGALGTG DLHMTKRHLQ QP

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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** ART5 ADP-ribosyltransferase 5 [ Homo sapiens ]

**Official Symbol** ART5

**Synonyms** ART5; ADP-ribosyltransferase 5; ecto-ADP-ribosyltransferase 5; mono(ADP-ribosyl)transferase 5; NAD(P)(+)-arginine ADP-ribosyltransferase 5; MGC22848

**Gene ID** 116969

**mRNA Refseq** NM\_001079536

**Protein Refseq** NP\_001073004

**MIM** 610625

**UniProt ID** Q96L15

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