

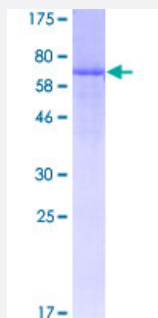
Full-Length

ART3 (Human) Recombinant Protein (P01)

Catalog # H00000419-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ART3 full-length ORF (AAH08397, 27 a.a. - 389 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

EVLDMAADNAFDDEYLKCTDRMEIKYVPQLLKEEKASHQQLDTVWENAKAKWAARKTQIFLPMNF
KDNHGIALMAYISEAQEQTPFYHLFSEAVKMAGQSREDYIYGFQKAFHFYLTRALQLLRKPCEAS
SKTVVYRTSQGTSFTFGGLNQARFGHFTLAYSAPQAANDQLTVLSIYTCLGVDIENFLDKESERIT
LIPLNEVFQVSQEGAGNNLILQSINKTCSHYECAFLGGLKTENCINLEYFQPIVYVNPGEKNQKLED
HSEKNWKLEDHGEKNQKLEDHGVKILEPTQIPGMKIPEPFLPEDKKSQGNINNPTPGPVPVPGPK
SHPSASLGKLLLPQFGMVIIISVSAINLFVAL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.67

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ART3

Entrez GeneID [419](#)

GeneBank Accession# [BC008397](#)

Protein Accession# [AAH08397](#)

Gene Name ART3

Gene Alias FLJ26404

Gene Description ADP-ribosyltransferase 3

Omim ID [603086](#)

Gene Ontology [Hyperlink](#)

Gene Summary ADP-ribosylation is a reversible posttranslational modification used to regulate protein function. ADP-ribosyltransferases, such as ART3, transfer ADP-ribose from NAD⁺ to the target protein, and ADP-ribosylhydrolases (see PARG; MIM 603501) reverse the reaction (Glowacki et al., 2002 [PubMed 12070318]).[supplied by OMIM]

Other Designations mono-ADP-ribosyltransferase

Disease

- [Azoospermia](#)
- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)