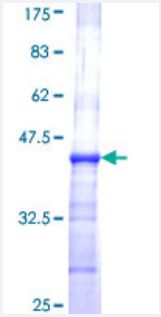
ART3 (Human) Recombinant Protein (Q01)

Catalog # H00000419-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ART3 partial ORF (NP_001170, 29 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LDMADNAFDDEYLKCTDRMEIKYVPQLLKEEKASHQQLDTVWENAKAKWAARKTQIFLPMNFKD NHGIALMAYISEAQEQTPFYHLFSEAVKMAGQSREDYIYGFQFKAF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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#	NM_001179
Protein Accession#	NP_001170
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