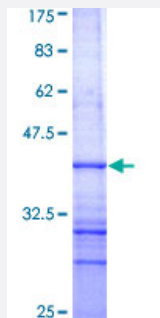


ARTS-1 (Human) Recombinant Protein (Q01)

Catalog # H00051752-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human ARTS-1 partial ORF (AAH30775, 832 a.a. - 941 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FPQILTLGRNPVGYPLAWQFLRKNWNKLVQKFELGSSSIAHVMGTTNQFSTRTRLEEVKGFFSS LKENGSQLRCVQQTIETIEENIGWMDKNFDKIRVWLQSEKLERM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (85); Rat (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 — ERAP1

Entrez GeneID	51752
GeneBank Accession#	BC030775
Protein Accession#	AAH30775
Gene Name	ERAP1
Gene Alias	A-LAP, ALAP, APPILS, ARTS-1, ARTS1, ERAAP, ERAAP1, KIAA0525, PILS-AP, PILSAP
Gene Description	endoplasmic reticulum aminopeptidase 1
Omim ID	606832
Gene Ontology	Hyperlink
Gene Summary	Aminopeptidases play a role in the metabolism of several peptides that may be involved in blood pressure and the pathogenesis of essential hypertension (MIM 145500). Adipocyte-derived leucine aminopeptidase (ALAP) is a member of the M1 family of zinc metallopeptidases.[supplied by OMIM]
Other Designations	adipocyte-derived leucine aminopeptidase aminopeptidase PILS aminopeptidase regulator of TNFR1 shedding puromycin-insensitive leucyl-specific aminopeptidase type 1 tumor necrosis factor receptor shedding aminopeptidase regulator

Disease

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