

Recombinant Human MART-1

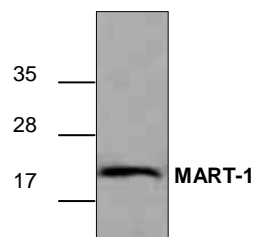
CATALOG #:	4823-5	5 µg
	4823-50	50 µg
	4823-1000	1 mg
LOT #:		
SOURCE:	<i>E. coli</i>	
SEQUENCE:	Full length human MART-1	
MOL. WEIGHT:	13.2 kDa (migrates like 18 kDa on SDS-PAGE)	
PURITY:	≥ 98% as determined by SDS-PAGE and HPLC	
ENDOTOXIN:	Less than 0.1 ng/µg of MART-1	
FORM:	Lyophilized without additives	
STORAGE CONDITIONS:	Store at –20°C or –80°C. Stable for 12 months.	

RECONSTITUTION:

Reconstitute in water to a concentration 0.1-1 mg/ml. The solution can then be further diluted to other aqueous solutions.

DESCRIPTION:

MART-1 (also known as Melan-A) is a melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Six other melanoma associated antigens recognized by autologous cytotoxic T cells include MAGE-1, Tyrosinase, gp100, gp75, BAGE-1, and GAGE-1. Subcellular fractionation shows that MART-1 is present in melanosomes and endoplasmic reticulum. Human MART-1 is purified by proprietary chromatographic techniques.



Cat. #: 4823-5

Purity of recombinant human MART-1 (2 µg) was analyzed by reduced SDS-PAGE electrophoresis.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Additional Apoptosis Kits & Reagents

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione Fluorometric & Colorimetric Assay Kits
- Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- Camp & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit

Antibodies & Recombinant Proteins (many)

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