

# Recombinant Human MART-1/Melan-A

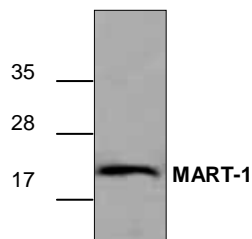
<b>CATALOG #:</b>	4823-5	5 µg
	4823-50	50 µg
	4823-1000	1 mg
<b>SOURCE:</b>	<i>E. coli</i>	
<b>SEQUENCE:</b>	Full length human MART-1	
<b>MOL. WEIGHT:</b>	13.2 kDa (migrates like 18 kDa on SDS-PAGE)	
<b>PURITY:</b>	≥ 98% as determined by SDS-PAGE and HPLC	
<b>ENDOTOXIN:</b>	Less than 0.1 ng/µg of MART-1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

**FOR RESEARCH USE ONLY! Not to be used on humans.**

