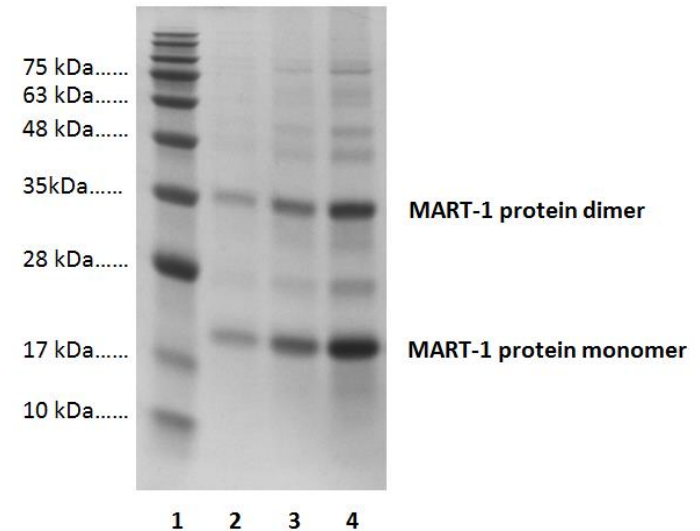


MART-1/Melan-A, mouse recombinant

CATALOG #:	4824-5	5 µg
	4824-50	50 µg
	4824-1000	1 mg
ALTERNATE NAMES:	Melanoma antigen recognized by T-cells 1, Antigen LB39-AA Antigen SK29-AA, MART-1, Melan-A	
SOURCE:	<i>E. coli</i>	
FORM:	Liquid	
FORMULATION:	MART-1/Melan-A protein is in 50 mM Tris, pH 7.5, 100 mM NaCl, 20 mM β-mercaptoethanol, and 20% Glycerol.	
SEQUENCE:	Full length mouse MART-1	
MOL. WEIGHT:	17.6 kDa	
PURITY:	Monomer (>50%), dimer (30-40%), and oligomers (10-20%), as determined by SDS-PAGE	
ENDOTOXIN:	Not Determined	
STORAGE CONDITIONS:	Store at -20°C or -80°C in small aliquots. Stable for 12 months	
DESCRIPTION:	MART-1 (also known as Melan-A) is a melanocyte differentiation antigen or marker recognized by autologous cytotoxic T lymphocytes. It is a membrane protein with one transmembrane peptide. Melan-A is expressed by a large proportion of melanoma tumors, both melanotic and amelanotic and by melanoma cell lines. It is present in melanocytes of normal skin and retina, nevi and in more than 85% of melanomas. Melan-A/MART-1 is not expressed by non-melanoma malignancies. It is recognized by autologous cytotoxic T lymphocytes. Subcellular fractionation shows that MART-1 is present in melanosomes and endoplasmic reticulum. Six other melanoma associated antigens recognized by autologous cytotoxic T cells include MAGE-1, Tyrosinase, gp100, gp75, BAGE-1, and GAGE-1. Mouse MART-1 is purified by proprietary chromatographic techniques.	



SDS-PAGE analysis of mouse recombinant MART-1/Melan-A protein.

- 1: protein marker
- 2: rm MART-1/Melan-A (3 µg)
- 3: rm MART-1/Melan-A (6 µg)
- 4: rm MART-1/Melan-A (12 µg)

RELATED PRODUCTS:

- MART-1/Melan-A, human recombinant (Cat # 4823-5, 50, 1000)

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