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MART-1/Melan-A, human recombinant protein

Melanoma antigen recognized by T-cells 1, Protein Melan-A, Antigen SK29-AA, Antigen LB39-AA

Catalog # PBV10425r

Specification

MART-1/Melan-A, human recombinant protein - Product info

Primary Accession	Q16655
Calculated MW	**18.0 kDa KDa**

MART-1/Melan-A, human recombinant protein - Additional Info

Gene ID	**2315**
Gene Symbol	**MART-1**

Other Names
Melanoma antigen recognized by T-cells 1, Protein Melan-A, Antigen SK29-AA, Antigen LB39-AA

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**

Application Notes
Reconstitute in H_2O to a concentration 0.1-1 mg/ml. The solution can then be further diluted to other aqueous solutions.

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

MART-1/Melan-A, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MART-1/Melan-A, human recombinant protein - Images

MART-1/Melan-A, human recombinant protein - Background

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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.

MART-1/Melan-A, human recombinant protein - References

Kawakami Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:3515-3519(1994).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Humphray S.J.,et al.Nature 429:369-374(2004).