

Recombinant Human MLANA

Cat. No. MLANA-30193TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MelanA with N terminal proprietary tag; Predicted MWt 39.09 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	118 amino acids
Description	MART-1 / Melan-A is a protein antigen found on melanocytes. Antibodies against the antigen are used in the medical specialty of anatomic pathology in order to recognize cells of melanocytic differentiation, useful for the diagnosis of a melanoma.
Molecular Weight	39.090kDa inclusive of tags
Tissue specificity	Expression is restricted to melanoma and melanocyte cell lines and retina.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids MPREDAHFIYGYPKKGGHGHHSYTTAEEAAGIGILTVILGVL LLIGCWYCRRRNGYRAL
MDKSLHVGTCALTRRCPQEGFD HRDSKVSLEKNCPEVVPNAPPAYEKLSAEQS
PPPYSP

GENE INFORMATION

Gene Name	MLANA melan-A [Homo sapiens]
Official Symbol	MLANA
Synonyms	MLANA; melan-A; melanoma antigen recognized by T-cells 1; MART1;
Gene ID	2315
mRNA Refseq	NM_005511
Protein Refseq	NP_005502
MIM	605513
Uniprot ID	Q16655
Chromosome Location	9p24.1
Function	protein binding;

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