

Recombinant Human MLANA, His-tagged

Cat. No. MLANA-7635H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MLANA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	48-118aa
Description	Melanoma antigen recognized by T-cells 1, also known as MLANA, is involved in melanosome biogenesis by ensuring the stability of GPR143. This protein plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	10.4kDa (94aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSCRRRNGY RALMDKSLHV GTQCALTRRC PQEGFDHRDS KVSLQKEKNCE PVVPNAPPAY EKLSAEQSP PYSP
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml
GENE INFORMATION	
Gene Name	MLANA melan-A [Homo sapiens]
Official Symbol	MLANA
Synonyms	MLANA; melan-A; melanoma antigen recognized by T-cells 1; MART1; antigen LB39-AA; antigen SK29-AA; protein Melan-A; MART-1;
Gene ID	2315
mRNA Refseq	NM_005511
Protein Refseq	NP_005502
MIM	605513
UniProt ID	Q16655
Chromosome Location	9p24.1
Function	protein binding;