

## Recombinant Human MLANA protein, His-tagged

**Cat. No.** MLANA-882H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MLANA protein(NP_005502)(1-118 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-118 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	MPREDAHFIYGYPKKGGHGHHSYTTAEEAAGIGILTVILGVLLIGCWYCRRRNGYRALM DKSLHVGTTQCALTRRCPQEGFDHRDSKVSLEKNCPEVVPNAPPAYEKLSAEQSP PPYSP
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

<b>Gene Name</b>	MLANA melan-A [ Homo sapiens ]
<b>Official Symbol</b>	MLANA
<b>Synonyms</b>	MLANA; melan-A; melanoma antigen recognized by T-cells 1; MART1; antigen LB39-AA; antigen SK29-AA; protein Melan-A; MART-1;
<b>Gene ID</b>	2315
<b>mRNA Refseq</b>	NM_005511
<b>Protein Refseq</b>	NP_005502
<b>MIM</b>	605513
<b>UniProt ID</b>	Q16655

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