

Recombinant Human MLANA protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MLANA protein(NP_005502)(1-118 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-118 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MPREDAHFIYGYPKKGHGHSYTTAEAAAGIGILTVILGVLLIGCWYCRRRNGYRALM DKSLHVGTQCALTRRC PQEGFDHRDSKVS LQEKNC EPVVPNAPPAYEKL SAEQSP PPYSP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Reconstitute at 0.25 µg/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

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

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