Recombinant Full Length Human MLANA Protein, C-Flag-tagged

Cat. No. MLANA-1074HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MLANA Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Located in endoplasmic reticulum membrane; melanosome; and trans-Golgi network.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13 kDa
AA Sequence	MPREDAHFIYGYPKKGHGHSYTTAEEAAGIGILTVILGVLLLIGCWYCRRRNGYRALMDKSLHVGTQCAL TRRCPQEGFDHRDSKVSLQEKNCEPVVPNAPPAYEKLSAEQSPPPYSPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

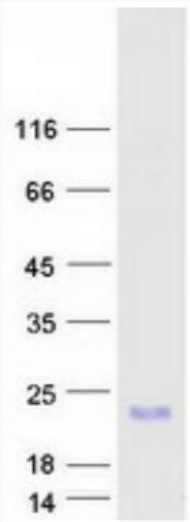
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Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	MLANA melan-A [Homo sapiens (human)]
Official Symbol	MLANA
Synonyms	MART1; MART-1
Gene ID	2315
mRNA Refseq	NM_005511.2
Protein Refseq	NP_005502.1
MIM	605513
UniProt ID	Q16655

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Coomassie blue staining of purified MLANA protein.

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