

Product datasheet for **TP304190L**

MelanA (MLANA) (NM_005511) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human melan-A (MLANA), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204190 protein sequence Red =Cloning site Green =Tags(s)
	MPREDAHFYGYPKKGHGHSYTTAEEAAGIGILTVILGVLLIGCWYCRRRNGYRALMDKSLHVGTCAL TRRCPQEGFDHRDSKVSLQEKNCPEVVPNAPPAYEKLSAEQSPPPYSP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005502
Locus ID:	2315
UniProt ID:	Q16655 , A0A384MR46
RefSeq Size:	1524
Cytogenetics:	9p24.1



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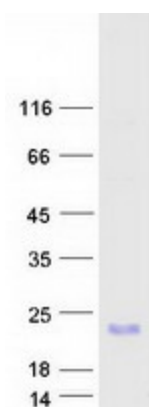
RefSeq ORF: 354

Synonyms: MART-1; MART1

Summary: Involved in melanosome biogenesis by ensuring the stability of GPR143. 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified MLANA protein (Cat# [TP304190]). The protein was produced from HEK293T cells transfected with MLANA cDNA clone (Cat# [RC204190]) using MegaTran 2.0 (Cat# [TT210002]).