

Product datasheet for **TP304190**

MelanA (MLANA) (NM_005511) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human melan-A (MLANA), 20 µg

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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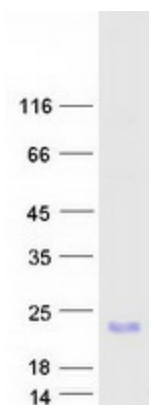
RefSeq ORF: 354

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]).