

Recombinant Human MLANA Protein (1-118 aa), His-tagged

Cat. No. MLANA-1658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLANA Protein (1-118 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-118 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	15.2 kDa
AA Sequence	MPREDAHFYGYPKKGHGHSYTTAEEAAGIGILTVILGVLLIGCWYCRRRNGYRALM DKSLHVGTTQCALTRRCPEGFDRDSKVSLEKNCPEVVPNAPPAYEKLSEAEQSP PPYSP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name

MLANA melan-A [Homo sapiens]

Official Symbol

MLANA

Synonyms

MLANA; melan-A; MART1; antigen LB39-AA; MART-1;

Gene ID

2315

mRNA Refseq

NM_005511

Protein Refseq

NP_005502

MIM

605513

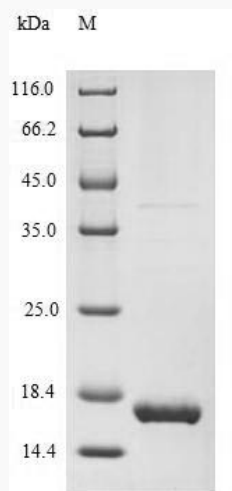
UniProt ID

Q16655

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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