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MLANA Human

Melan-A Human Recombinant
RCP1371

Product Overview

Name	MLANA Human
Description	
Melan-A Human Recombinant	
Accession (Primary)	Q16655
Synonyms	
MART-1, MART1, Melanoma antigen recognized by T-cells 1, Antigen LB39-AA, Antigen SK29-AA, Protein Melan-A, MLANA.	
Introduction	
Melan-A (MLANA), is engaged in melanosome biogenesis by ensuring the stability of GPR143. MLANA takes part in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is essential to the formation of stage II melanosomes.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The MLANA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS CRRRNGY RALMDKSLHV GTQCALTRRC PQEGFDHRDS KVSLQEKNCE PVVPNAPPAY EKLSAEQSPP PYSP.	
References	
Title: Human heat shock protein 70 enhances tumor antigen presentation through complex formation and intracellular antigen delivery without innate immune signaling Publications: Journal of Biological Chemistry 282.43 (2007):	

31688-31702. Link: http://www.jbc.org/content/282/43/31688.full

Precautions

MLANA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q16655)