

## 32-4213: Recombinant Human Melan-A

**Alternative Name :** MART-1,MART1,Melanoma antigen recognized by T-cells 1,Antigen LB39-AA,Antigen SK29-AA,Protein Melan-A,MLANA.

### Description

Source : Escherichia Coli. MLANA Human Recombinant produced in E. coli is a single polypeptide chain containing 94 amino acids (48-118) and having a molecular mass of 10.4kDa. MLANA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The MLANA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSCRRRNGY RALMDKSLHV GTQCALTRRC PQEGFDHRDS KVSLEKNC E PVVPNAPPAY EKLSAEQSPP PYSP.

