

AR50970PU-S**Human MART-1 (48-118, His-tag) - Purified****Alternate names:**

Antigen SK29-AA, LB39-AA, MART1, MLANA, Melan-A protein, MelanA, Melanoma antigen recognized by T-cells 1

Quantity:

0.1 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

Melanoma antigen recognized by T-cells 1, also known as MLANA, is involved in melanosome biogenesis by ensuring the stability of GPR143. This protein plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL,

Uniprot ID:[Q16655](#)**NCBI:**[NP_005502](#)**GeneID:**[2315](#)**Species:**

Human

Source:

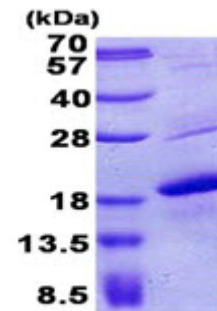
E. coli

Format:**State:** Liquid purified protein**Purity:** >85% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT**Description:****AA Sequence:**MGSSHHHHHH SGLVPRGSH MGSCRRRNGY RALMDKSLHV GTQCALTRRC PQEGFDHRDS
KVS LQEK NCE PVP NAPPAY EKLSAEQSPP PYS P**Molecular weight:** 10.4 kDa (94aa), confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Hoashi T., et al. (2005) J. Biol. Chem. 280:14006-14016 Giordano F., et al. (2009) Hum. Mol. Genet. 18:4530-4545

Pictures:

15% SDS-PAGE (3µg)