

HLA-A*02:01&B2M&MART-1 (ELAGIGILTV) Tetramer Protein, Human, MHC (His & Avi), PE-Labeled

General Information

Synonyms: MLANA;SK29-AA;MART1;LB39-AA;Melan-A
Protein Construction: Gly25-Thr305 (HLA-A*02:01), Ile21-Met119 (B2M) and ELAGIGILTV peptide
Species: Human
Expression Host: HEK293 Cells
Accession: A0A140T913(HLA-A*02:01)&P61769(B2M)&ELAGIGILTV

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it.
Formulation: Supplied as 0.22 µm filtered solution in PBS, 0.2% BSA (pH 7.4).

Preparation and Storage

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Melanoma antigen recognized by T cell-1 (Mart-1), one of the melanosome-specific proteins, also recognized by cytotoxicity T lymphocytes as a marker. Mart-1 is considered to play a critical role in the immunotherapy for melanoma.

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