

HLA-A*02:01&B2M&NY-ESO-1 (SLLMWITQC) Tetramer Protein, Human, MHC (E. coli, His & Avi), PE-

General Information

Synonyms: CT6.1;CTAG1B;ESO1CTAG;CTAG1;MY-ESO-1;NY-ESO-1;LAGE2A;LAGE-2;CTAG1A;MHC
Protein Construction: Gly25-Thr305 (HLA-A*02:01), Ile21-Met119 (B2M) and SLLMWITQC peptide
Species: Human
Expression Host: E. coli
Accession: A0A140T913(HLA-A*02:01)&P61769(B2M)&SLLMWITQC

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 20 mM Tris, 200 mM NaCl, 0.2% BSA (pH 8.0).

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

NY-ESO-1 or New York esophageal squamous cell carcinoma 1 is a well-known cancer-testis antigen (CTAs) with re-expression in numerous cancer types. Its ability to elicit spontaneous humoral and cellular immune responses, together with its restricted expression pattern, have rendered it a good candidate target for cancer immunotherapy.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481