

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

General Information

Synonyms: MY-ESO-1;CTAG1;CTAG1B;MHC;ESO1CTAG;CTAG1A;CT6.1;LAGE-2;NY-ESO-1;LAGE2A

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

Molecular Weight: 35.6 kDa (HLA-A*02:01) and 11.9 kDa (B2M)

QC Testing

Biological Activity: Immobilized Anti-HLA-A*02:01&B2M&NY-ESO-1 Antibody, hFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human HLA-A*02:01&B2M&NY-ESO-1 (SLLMWITQC) Monomer, His Avi Tag with the EC50 of 20.6 ng/ml determined by ELISA (QC Test).

Purity: > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

Endotoxin: < 1 EU/µg of the protein as determined by the LAL method.

Formulation: Supplied as 0.22 µm filtered solution in 20 mM Tris, 0.2M NaCl (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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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