

HLA-A*02:01&B2M&CMV pp65 (NLVPMVATV) Tetramer Protein, Human, MHC (His & Avi), PE-

General Information

Synonyms: CMV pp65;HLA-A*02:01;MHC
Protein Construction: Gly25-Thr305 (HLA-A*02:01), Ile21-Met119 (B2M) and NLVPMVATV peptide
Species: Human
Expression Host: HEK293 Cells
Accession: A0A140T913(HLA-A*02:01)&P61769(B2M)&NLVPMVATV

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

Human cytomegalovirus (CMV) is one of the major causes of severe complications in immunocompromised patients, such as recipients of hematopoietic cells, solid organ transplantation, and HIV-infected individuals. CMV is also a major pathogen in congenital infection. It can cause life-threatening diseases and severe neurological sequelae in newborn infants. CMV phosphoprotein pp65 is thought to be a major antigen for CMV-specific cellular immunity.

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