

Description

Source Recombinant APC-Labeled Human HLA-A*02:01&B2M&CG1 (FLLPTGAEA) Tetramer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus. APC-Labeled Human HLA-A*02:01&B2M&CG1 (FLLPTGAEA) Tetramer is assembled by biotinylated monomer and APC-Labeled streptavidin.

It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and FLLPTGAEA peptide.

Accession A0A140T913(HLA-A*02:01)&P61769(B2M)&FLLPTGAEA

Formulation and Storage

Formulation Supplied as 0.22 µm filtered solution in 20mM Tris, 200mM NaCl, 0.2% BSA (pH 8.0).

Storage Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Cathepsin G (CG) is a myeloid azurophil granule protease that is highly expressed by acute myeloid leukemia (AML) blasts and leukemia stem cells. CG1 (FLLPTGAEA) is a human leukocyte antigen-A2-restricted nonameric peptide derived from CG that can act as an immunogenic target in AML.