

32-3963: HLA-C Recombinant Protein

Alternative Name : Major Histocompatibility Complex Class I- C,D6S204,HLA-JY3,PSORS1,HLC-C,HLA Class I Histocompatibility Antigen C Alpha Chain,Human Leukocyte Antigen-C Alpha Chain,Major Histocompatibility Antigen HLA-C,MHC Class I Antigen Heavy Chain HLA-C.

Description

Source : Escherichia Coli. HLA-C Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (25-308) and having a molecular mass of 34.9kDa.HLA-C is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Major Histocompatibility Complex Class I C (HLA-C) belongs to the HLA class I heavy chain paralogues. The HLA-C (class I molecule) is a heterodimer comprised of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules have a key role in the immune system by presenting peptides derived from endoplasmic reticulum lumen. Class I molecules are expressed in virtually all cells.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The HLA-C solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSCSHSMRY FDTAVSRPGR GEPRFISVGY VDDTQFVRFD SDAASPRGEP RAPWVEQEGP EYWDRETQKY KRQAQADRVS LRNLRGYYNQ SEDGSHTLQR MSGCDLGPDG RLLRGYDQSA YDGKDYIALN EDLRSWTAAD TAAQITQRKL EAARAAEQLR AYLEGTCVEW LRRYLENGKE TLQRAEPPKT HVTHHPLSDH EATLRCWALG FYPAEITLW QRDGEDQTQD TELVETRPAG DGTFFQKWA AVVPSGQEQR Y TCHMQHEGLQ EPLTLSWEPS SQPTIPI