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HLA-C, 25-308aa, Human, His tag, E.coli

产品货号: TP02458

第三版

别名: HLA class I histocompatibility antigen, Cw-1 alpha chain, D6S204, HLA-JY3, HLC-C, PSORS1

描述: HLA-C belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from endoplasmic reticulum lumen. They are expressed in nearly all cells. Recombinant human HLA-C protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 34.9 kDa (307aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSCSHSMRYFDTAVSRPGRGEPFISVGYVDDTQFVRFDSDAASPRGEPRAPWVEQEG
PEYWDRETQKYKRQAQADRVSLRNLRGYYNQSEDSHTLQRMSCDLGPDGRLLRGYDQSAYDGKDYIALNEDLRSWT
AADTAAQITQRKLEAARAAEQLRAYLEGTCVEWLRRYLENGKETLQRAEPPKTHVTHHPLSDHEATLRCWALGFYPAEI
TLTWQRDGEDQTQDTELVETRPAGDGTQKWAAVVPSGQEQRYTCHMQHEGLQEPLTSLWEPSSQPTIPI

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.