

## Major Histocompatibility Complex Class I C Human Recombinant

<b>Item Number</b>	rAP-3456
<b>Synonyms</b>	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.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	NP_002108
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSCSHSMRY FDTAVSRPGR GEPRFISVGY VDDTQFVRFD SDAA- SPRGEP RAPWVEQEGP EYWDRETQKY KRQAQADRVS LRNLRGYYNQ SEDGSHTLQR MSGCDLGPDG RLLRGYDQSA YDGKDIALN EDLRSWTAAD TAAQITQRKL EAARAAEQLR AYLEGTCVEW LRRYLENGKE TLQRAEPPKT HVTHHPLSDH EATLRCWALG FYPAEITLTW QRDGEDQTQD TELVETRPAG DGTFAQKWAHV VVPSGQEQRY TCHMQHEGLQ EPLTSLWEPS SQPTIPI
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The HLA-C solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**