

Major Histocompatibility Complex Class I C Recombinant Protein | HLA-C recombinant protein

Recombinant Human Major Histocompatibility Complex Class I C

CATALOG # AAA39090	HOST E Coli
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PRODUCT SYNONYMS

Major Histocompatibility Complex Class I C; Recombinant Human Major Histocompatibility Complex Class I C; HLA-C Human; Major Histocompatibility Complex Class I C Human Recombinant; 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; HLA-C recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The HLA-C solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS CSHSMRYFDT AVSRPGRGEP RFISVG YVDD TQFVRFDSDA ASPRGEP RAP WVEQEGPEYW DRETQKYKRQ AQADRVSLRN LRGYYNQSED GSHTLQRMSG CDLGPDGRLL RGYDQSAYDG KDYIALNEDL RSWTAADTAA QITQRKLEAA RAAEQLRAYL EGTCVEWLRRL YLENGKETLQ RAEPPKTHVT HHPLSDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWAAVVVP SGQEQR YTCH MQHEGLQEPL TLSWEPSSQP TIPI
Sequence Length	366
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for HLA-C recombinant protein	Description: 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. Introduction: 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 Categories/Family for HLA-C recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Major Histocompatibility Complex

NCBI AND UNIPROT INFORMATION

NCBI GI #	52630342
NCBI GeneID	3107
NCBI Accession #	NP_002108

NCBI GenBank Nucleotide #	NM_002117.5
Molecular Weight	40,861 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, Cw-1 alpha chain
NCBI Official Synonym Full Names	major histocompatibility complex, class I, C
NCBI Official Symbol	HLA-C
NCBI Official Synonym Symbols	HLC-C; D6S204; PSORS1; HLA-JY3
NCBI Protein Information	HLA class I histocompatibility antigen, Cw-1 alpha chain; HLA class I histocompatibility antigen, C alpha chain; MHC class I antigen heavy chain HLA-C; human leukocyte antigen-C alpha chain; major histocompatibility antigen HLA-C
UniProt Protein Name	HLA class I histocompatibility antigen, Cw-3 alpha chain
UniProt Gene Name	HLA-C
UniProt Synonym Gene Names	HLAC
UniProt Entry Name	1C03_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hla-c-recombinant-protein-e-coli/39090>