9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# CD74 Human, Sf9

*CD74 Human Recombinant, Sf9*
*CDA0109*

## Product Overview

| | |
|---|---|
| Name | CD74 Human, Sf9 |
| **Description** | |
| CD74 Human Recombinant, Sf9 | |
| Accession (Primary) | P04233 |
| **Synonyms** | |
| DHLAG, HLADG, Ia-GAMMA, Ii, HLA-DR antigens-associated invariant chain, p33, Ia antigen-associated invariant chain, HLA class II histocompatibility antigen gamma chain, CD74, Gamma Chain Of Class II Antigens, MHC HLA-DR Gamma Chain. | |
| **Introduction** | |
| CD74 (HLA class II histocompatibility antigen gamma chain isoform b), is a transmembrane protein (on antigen presenting cells) which is the invariant chain that chaperones MHC class II dimers from the endoplasmic reticulum to the cell surface. CD74 is expressed by cells of both T lymphocyte and B lymphocyte lineages. CD74 upregulated in several cancers and is also expressed by non immune cells during inflammation. Diseases related with CD74 include thymic epithelial neoplasm and gastroduodenitis. Among its related super-pathways are Immune System and Immune response Antigen presentation by MHC class II. In addition CD74 functions as cell surface receptor for the cytokine MIF. | |
| **Source** | |
| Sf9, Baculovirus cells. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| CD74 protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol. | |
| **Stability** | |
| 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. | |
| **Purity** | |
| Greater than 85.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

QQQGRLDKLT VTSQNLQLEN LRMKLPKPPK PVSKMRMATP LLMQALPMGA LPQGPMQNAT KYGNMTEDHV MHLLQNADPL KVYPPLKGSF PENLRHLKNT METIDWKVFE SWMHHWLLFE MSRHSLEQKP TDAPPKESLE LEDPSSGLGV TKQDLGPVPM HHHHHH .

**Precautions**

CD74 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P04233 )