

# CD74 (Human) Recombinant Protein

Catalog # P9679

Size 2 x 10 ug

## Specification

|                             |                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human CD74 (P04233, 73 a.a. - 232 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.                                                   |
| <b>Sequence</b>             | QQQGRLDKLTVTSQNLQLENLRMKLPKPPKPVSKMRMATPLLQALPMGALPQGPMQNATKYGNMTEDHVMHLLQNADPLKVYPPLKGSFPENLRHLKNTMETIDWKVFESWMHHWLLFEMSRHSL<br>EQKPTDAPPKESLELEDPSGLGVTKQDLGPVPMHHHHHH |
| <b>Host</b>                 | insect                                                                                                                                                                   |
| <b>Theoretical MW (kDa)</b> | 19.05                                                                                                                                                                    |
| <b>Form</b>                 | Liquid                                                                                                                                                                   |
| <b>Preparation Method</b>   | Sf9 cell expression system                                                                                                                                               |
| <b>Purity</b>               | > 85.0% by SDS-PAGE                                                                                                                                                      |
| <b>Recommend Usage</b>      | Biological Activity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user.                                                                    |
| <b>Storage Buffer</b>       | In PBS pH 7.4 (10% glycerol)                                                                                                                                             |
| <b>Storage Instruction</b>  | Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C.<br>Aliquot to avoid repeated freezing and thawing.                         |

## Applications

- SDS-PAGE

## Gene Info — CD74

Entrez GeneID

[972](#)

|                    |                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Accession# | <a href="#">P04233</a>                                                                                                                                                                                                 |
| Gene Name          | CD74                                                                                                                                                                                                                   |
| Gene Alias         | DHLA2, HLA-DG, I-A-GAMMA                                                                                                                                                                                               |
| Gene Description   | CD74 molecule, major histocompatibility complex, class II invariant chain                                                                                                                                              |
| Omim ID            | <a href="#">142790</a>                                                                                                                                                                                                 |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                              |
| Gene Summary       | major histocompatibility complex                                                                                                                                                                                       |
| Other Designations | CD74 antigen CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) HLA-DG-gamma I-A-associated invariant chain MHC HLA-DG gamma chain gamma chain of class II antigens |

## Pathway

- [Antigen processing and presentation](#)

## Disease

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)