CD74 (Human) Recombinant Protein

Catalog # P9678 Size 20 ug

Specification

Product Description	Human CD74 (P04233, 73 a.a. - 232 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSQQQGRLDKLTVTSQNLQLENLRMKLPKPPKPVSKMRMAT PLLMQALPMGALPQGPMQNATKYGNMTEDHVMHLLQNADPLKVYPPLKGSFPENLRHLKNTME TIDWKVFESWMHHWLLFEMSRHSLEQKPTDAPPKESLELEDPSSGLGVTKQDLGPVPM
Host	Escherichia coli
Theoretical MW (kDa)	20.6
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (1 mM DTT, 0.1 M NaCl and 30% glycerol)
Storage Instruction	Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD74

Entrez GeneID	972

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Protein Accession#	P04233
Gene Name	CD74
Gene Alias	DHLAG, HLADG, Ia-GAMMA
Gene Description	CD74 molecule, major histocompatibility complex, class II invariant chain
Omim ID	142790
Gene Ontology	Hyperlink
Gene Summary	major histocompatibility complex
Other Designations	CD74 antigen|CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)|HLA-DR-gamma|Ia-associated invariant chain|MHC HLA-DR gamma chain|gamma chain of class II antigens

Pathway

- Antigen processing and presentation

Disease

- Cardiovascular Diseases
- Celiac Disease
- Diabetes Mellitus
- Edema

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