

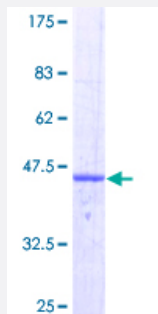
Full-Length

CD74 (Human) Recombinant Protein (P01)

Catalog # H00000972-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD74 full-length ORF (AAH24272, 1 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MHRRRSRSCREDQKPVMDQQRDLISNNEQLPMLGRRPGAPESKCSRGALYTGFSILVTLLLAGQ ATTAYFLYQQQGRLDKLTVTSQNLQLENLRMKLPKPPKPVSKMRMATPLLMQALPMGALPQGPM QNATKYGNMTEDHVMHLLQSHWNWRTRLLGWV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.34
Interspecies Antigen Sequence	Mouse (78); Rat (79)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD74

Entrez GeneID	972
GeneBank Accession#	BC024272
Protein Accession#	AAH24272
Gene Name	CD74
Gene Alias	DHLA2, 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

Publication Reference

- [Diagnostic value of anti-CD74 antibodies in early and late axial spondyloarthritis and its relationship to disease activity.](#)

Marwa Mahmoud Abdelaziz, Rania M Gamal, Nadia M Ismail, Raghda A Lafy, Helal F Hetta.

Rheumatology (Oxford, England) 2020 Jul; awaa145.

Application: ELISA, As a standard

- [Autoantibodies against CD74 in spondyloarthritis.](#)

Baerlecken NT, Nothdorft S, Stummvoll GH, Sieper J, Rudwaleit M, Reuter S, Matthias T, Schmidt RE, Witte T.

Annals of the Rheumatic Diseases 2014 Jun; 73(6):1211.

Application: ELISA, Human, Serum

Pathway

- [Antigen processing and presentation](#)

Disease

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