

# Recombinant Human CD74 Protein, C-Myc/DDK-tagged

## Product Information

---

<b>Cat</b>	IMP-7016
<b>Official Symbol</b>	CD74
<b>Product Overview</b>	Recombinant protein of human CD74 molecule, major histocompatibility complex, class II invariant chain (CD74), transcript variant 1 with a C-Myc/DDK tag was expressed in HEK293T.
<b>Description</b>	The protein encoded by this gene associates with class II major histocompatibility complex (MHC) and is an important chaperone that regulates antigen presentation for immune response. It also serves as cell surface receptor for the cytokine macrophage migration inhibitory factor (MIF) which, when bound to the encoded protein, initiates survival pathways and cell proliferation. This protein also interacts with amyloid precursor protein (APP) and suppresses the production of amyloid beta (A $\beta$ ). Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]
<b>Expression System</b>	HEK293T
<b>Species</b>	Human
<b>Tag</b>	C-Myc/DDK
<b>Form</b>	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
<b>Molecular Mass</b>	33.3 kDa
<b>AA Sequence</b>	MHRRRSRSCREDQKPVMDQDRDLISNNEQLPMLGRRPGAPESKCSRGA LYTGFSILVTLLLAGQATTAYFLYQQQGRDKLTVTSQNLQLENLRMKLPK PPKPVSKMRMATPLLMQALPMGALPQGPMQNATKYGNMTEHDHVMHLLQ NADPLKVYPPLKGSFPENLRHLKNTMETIDWKVFESWMHHWLLFEMSRH SLEQKPTDAPPKVLTKCQEEVSHIPAVHPGSFRPKCDENGNYLPLQCYG SIGYCWCVFPNGTEVPNTRSRGHHNCSESLELEDPSGLGVTKQDLGPV PMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</b>	Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	> 50 $\mu$ g/mL as determined by microplate BCA method.
<b>SDS-PAGE</b>	

