

Recombinant Mouse CD74 Protein

Catalog #	Source	Reactivity	Applications
CRP1247	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD74 Protein is produced by our mammalian expression system and the target gene encoding Gln56-Leu215 is expressed with a mFc, 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	CD74		
Alternative Names	DHLA; HLA class II histocompatibility antigen gamma chain; HLA-DR antigens-associated invariant chain; Ia antigen-associated invariant chain; Ii; p33; CD74		
Entrez Gene	16149 (Mouse)		
SwissProt	P04441 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>QQQGRDLKLT ITSQNLQLES LRMKLPKSAK PVSQMRMATP LLMRPMSMDN</p> <p>MLLGPVKNVK KYGNMTQDHV MHLLTRSGPL EYPQLKGTFF ENLKHKLNSM</p> <p>DGVNWKIFES WMKQWLLFEM SKNSLEEKPP TEAPPKEPLD MEDLSSGLGV TRQELGQVTL</p> <p>GTGGGGSGGG GSGSTVPEVS SVFIFPPKPK DVLMITLTPK VTCVVVDISK DDPEVQFSWF</p> <p>VDDDEVHTAQ TQPREEQFNS TFRSVSELPV MHQDWLNGKE FKCRVNSAAF PAPIEKTISK</p> <p>TKGRPKAPQV YTIPPPKEQM AKDKVSLTCM ITDFFPEDIT VEWQWNGQPA ENYKNTQPIM</p> <p>DTDGSYFVYS KLVNQKSNWE AGNTFTCSVL HEGLHNHHTK KLSHSPGKH HHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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