

Recombinant Mouse CD36 Protein

Catalog #	Source	Reactivity	Applications
CRP2915	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse CD36 Protein is produced by mammalian expression system and the target gene encoding Gly30-Lys439 is expressed with a Avi-6His tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol CD36

Alternative Names GP3B; GP4; Platelet glycoprotein 4; Fatty acid translocase; FAT; Glycoprotein IIIb; GPIIIB; Leukocyte differentiation antigen CD36; PAS IV; PAS-4; Platelet collagen receptor; Platelet glycoprotein IV; GPIV; Thrombospondin receptor; CD36

Entrez Gene 12491 (Mouse)

SwissProt Q08857 (Mouse)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure GDMLIEKTIK REVVLEEGTT AFKNWVKTGT TVYRQFWIFD VQNPDDVAKN SSKIKVKQRG
 PYTYRVRYLA KENITQDPED HTVSFVQPNG AIFEPSLSVG TEDDNFTVLN LAVAAAPHIY
 QNSFVQVVLN SLIKKSKSSM FQTRSLKELL WGYKDPFLSL VPYPISTTVG VFYPYNDTVD
 GVIYKVFNGKD NISKVAIIES YKGKRNLISYW PSYCDMINGT DAASFPPFVE KSRTLRFSS
 DICRSIYAVF GSEIDLKIP VYRFVLPANA FASPLQNPDN HCFCTEKVIS NNCTSYGVLD
 IGKCKEGKPV YISLPFLHA SPDVSEPIEG LHPNEDEHRT YLDVEPITGF TLQFAKRLQV
 NILVKPARKI EALKNLKRPY IVPILWLNET GTIGDEKAEM FKTQVTGKIK GLNDIFEAAQK
 IEWHEHHHHH H

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

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

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. 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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