

Recombinant Mouse CD36 Protein

Catalog #	Source	Reactivity	Applications
CRP2914	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 Fc 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	<p>GDMLIEKTIK REVVLEEGTT AFKNWVKTGT TVYRQFWIFD VQNPDDVAKN SSKIKVKQRG PYTYRVRYLA KENITQDPED HTVSFVQPNG AIFEPSLSVG TEDDNFTVLN LAVAAAPHIY QNSFVQVVLN SLIKKSKSSM FQTRSLKELL WGYKDPFLSL VPYPISTTVG VFYPYNDTVD GVYKVFNGKD NISKVAIIES YKGKRNL SYW PSYCDMINGT DAASFPPFVE KSRTLRFSS DICRSIYAVF GSEIDLK GIP VYRFVLPANA FASPLQNP DN HCFCTEKVIS NNCTSYGVLD IGKCKEGKPV YISLPFLHA SPDVSEPIEG LHPNEDEHRT YLDVEPITGF TLQFAKRLQV NILVKPARKI EALKNLKRPY IVPILWLNET GTIGDEKAEM FKTQVTGKIK VDDIEGRMDE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTTP</p>

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

VLDSDGSEFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K

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 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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