

Recombinant Mouse CD36 Protein

Catalog #	Source	Reactivity	Applications
CRP2913	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse CD36 Protein is produced by mammalian expression system and the target gene encoding Arg27-Thr432 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of 50mM Tris-Citrate, 0.3M NaCl, pH6.5.
Gene Symbol	SCARB2
Alternative Names	CD36L2; LIMP2; LIMPII; Lysosome membrane protein 2; 85 kDa lysosomal membrane sialoglycoprotein; LGP85; CD36 antigen-like 2; Lysosome membrane protein II; LIMP II; Scavenger receptor class B member 2; CD36
Entrez Gene	12492 (Mouse)
SwissProt	O35114 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	RVFQKAVDQT IEKNMVLQNG TKVFNWEKP PLPVYIQFYF FNVNPEEIL QGEIPLLEEV GPYTYRELRN KANIQFGENG TTISAVTNKA YVFERNQSVG DPNVDLIRTI NIPLLTVVDL AQLTLLRELI EAMLKAYQQK LFIHTVHEL LWGYKDEILS LVHIFKPDVS PNFGLFYERN GTNDGEYVFL TGEDNYLNFS KIVEWNGKTS LDWWTDTN MINGTDGDSF HPLISKDEVL YLFPSDLCRS VHITFSSFEN VEGLPAFRYK VPAEILANTS ENAGFCIPEG NCMDSGVLNI SICKNGAPII MSFPHFYQAD EKFVSAIKGM HPNKEEHESF VDINPLTGII LRGAKRQIN TYVRKLDDFV ETGDIRTMVF PVMYLNESVL IDKETANQLK SVINTTHHHH HH
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 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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