

Recombinant Mouse CD36 Protein

Catalog #	Source	Reactivity	Applications
CRP2912	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 Fc 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 TKVFNSWEKP PLPVYIQFYF FNVNPEEIL QGEIPLLEEV GPYTYRELRN KANIQFGENG TTISAVTNKA YVFERNQSVG DPNVDLIRTI NIPLLTVVDL AQLTLLRELI EAMLKAYQQK LFIHTVHEL LWGYKDEILS LVHIFKPDVS PNFGLFYERN GTNDGEYVFL TGEDNYLNFS KIVEWNGKTS LDWWTDTDCN MINGTDGDSF HPLISKDEVL YLFPSDLCRS VHITFSSFEN VEGLPAFRYK VPAEILANTS ENAGFCIPEG NCMDSGVLNI SICKNGAPII MSFPHFYQAD EKFVSAIKGM HPNKEEHESF VDINPLTGII LRGAKRFQIN TYVRKLDDFV ETGDIRTMVF PVMYLNESVL IDKETANQLK SVINTTVDDI EGRMDEPKSC DKTHTCPPEP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSREEMTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS

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

DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGK

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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