

Recombinant Mouse CD96 Protein

Catalog #	Source	Reactivity	Applications
CRP2942	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse CD96 Protein is produced by mammalian expression system and the target gene encoding Val22-Met536 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	CD96
Alternative Names	T-cell surface protein tactile; Cell surface antigen CD96; T cell-activated increased late expression protein; CD96
Entrez Gene	84544 (Mouse)
SwissProt	Q3U0X8 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	VWEELFNVGD DVYALPGSDI NLTCQTKEKN FLVQMQWSKV TDKNDMIALY HPQYGLYCGQ EHACESQVAA TETEKGVTNW TLYLRNISSA LGGKYECIFT LYPEGIKTTV YNLIVEPYTQ DEHNYTIEIE TNRTLEIPCF QNTSSEIPPR FTFSWLVEKD GVEEVLFTHH HHVNNSTSFK GRIRLGGDYR LHLSPVQIQD DGRTFSCHLT VNPLKAWKMS TTVKVFAPKE ILMTVENSTM DVLGERVFTC LLKNVFPKAN ITWFIDGRFL QGNEEGIYIT NEEKNCSSGF WELKSVLTRM HSGPSQSNM TAWCMALSPG PRNKMWNTSS QPITVSFDSV IAPTKHLPTV TGSTLGTQPF SDAGVSPTGY LATPSVTIVD ENGLTPDATP QTSNSSMTTK DGNYLEASSG TDAKNSSRAA ASSKSGSWPF PFTSPPEWHS LPGTSTGPQE PDSPVSWIPS EVHTSAPLDA SLAPHDTIIS TTTEFPNVLT TANGTTKIDH GPITSIVNQ PSDGMHHHHH 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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