

Recombinant Mouse CD6 Protein

Catalog #	Source	Reactivity	Applications
CRP2926	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD6 Protein is produced by mammalian expression system and the target gene encoding Leu18-Gly396 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	CD6		
Alternative Names	T-cell differentiation antigen CD6; T12; TP120; CD6		
Entrez Gene	12511 (Mouse)		
SwissProt	Q61003 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>LPSPAPSGQH KNGTIPNMTL DLEERLGIRL VNGSSRCSGS VKVLLESWEP VCAAHWNRRAA TEAVCKALNC GDSGKVTYLM PPTSELPPGA TSGNTSSAGN TTWARAPTER CRGANWQFCK VQDQECSSDR RLVWVTCAEN QAVRLVDGSS RCAGRVEMLE HGEWGTVCCD TWDLQDAHVV CKQLKCGWAV KALAGLHFTP GQGPIHRDQV NCSGTEAYLW DCPGRPGDQY CGHKEDAGVV CSEHQSWRLT GGIDSCGQV EVYFRGVWST VCDSEWYPSE AKVLCRSLGC GSAVARPRGL PHSLDGRMY Y SCKGQEPALS TCSWRFNNSN LCSQSRAARV VCSGSQRHLN LSTSEVPSRV PVTIESSVPV SVKDKDSQGH HHHHH</p>		
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 ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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

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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