

Recombinant Mouse CD85k Protein

Catalog #	Source	Reactivity	Applications
CRP2937	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD85k Protein is produced by mammalian expression system and the target gene encoding Gly24-Lys238 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	LILRB4		
Alternative Names	ILT3; LIR5; Leukocyte immunoglobulin-like receptor subfamily B member 4; CD85 antigen-like family member K; Immunoglobulin-like transcript 3; ILT-3; Leukocyte immunoglobulin-like receptor 5; LIR-5; Monocyte inhibitory receptor HM18; CD85k		
Entrez Gene	14728 (Mouse)		
SwissProt	Q64281 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	GHLPKPIIWA EPGSVIAAYT SVITWCQGSW EAQYYHLYKE KSVNPWDTQV PLETRNKAKF NIPSMTTSYA GIYKCYYESA AGFSEHSDAM ELVMTGAYEN PLSVYPSSN VTSGVSISFS CSSSIVFGRF ILIQEGKHGL SWTLDSQHQQA NQPSYATFVL DAVTPNHNGT FRCYGYFRNE PQVWSKPSNS LDLMISETKD QSSTPTEDGL ETYQKHHHHH 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 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		
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

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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