

Recombinant Human LILRB1 Protein

Catalog #	Source	Reactivity	Applications
CRP1904	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human LILRB1 Protein is produced by our Mammalian expression system and the target gene encoding Gly24-His458 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	LILRB1		
Alternative Names	ILT2; LIR1; MIR7; Leukocyte immunoglobulin-like receptor subfamily B member 1; LIR-1; Leukocyte immunoglobulin-like receptor 1; CD85 antigen-like family member J; Immunoglobulin-like transcript 2; ILT-2; Monocyte/macrophage immunoglobulin-like receptor 7;		
Entrez Gene	10859 (Human)		
SwissProt	Q8NHL6 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>GHLPKPTLWA EPGSVITQGS PVTLRCQGGQ ETQEYRLYRE KKTAPWITRI PQELVKKGGQF PIPSITWEHA GRYRCYYGSD TAGRSESSDP LELVVTGAYI KPTLSAQSP VVNSGGNVTL QCDSQVAFDG FILCKEGEDE HPQCLNSQPH ARGSSRAIFS VGPVSPSRRW WYRCYAYDSN SPYEWSLPSD LLELLVLGVS KKPSLSVQPG PIVAPEETLT LQCGSDAGYN RFVLYKDGER DFLQLAGAQP QAGLSQANFT LGPVRSYGG QYRCYGAHNL SSEWSAPSDP LDILIAGQFY DRVLSVQPG PTVASGENVT LLCQSQGWMQ TFLLTKEGAA DDPWRLRSTY QSQKYQAEFP MGPV TSAHAG TYRCYGSQSS KPYLLTHPSD PLELVVSGPS GGPSSPTTGP TSTSGPEDQP LTPTGSDPQS GLGRHVDHHH HHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
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

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 1X PBS. 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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