

Recombinant Human CD229 Protein

Catalog #	Source	Reactivity	Applications
CRP2621	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CD229 Protein is produced by mammalian expression system and the target gene encoding Lys48-Lys454 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	LY9		
Alternative Names	T-lymphocyte surface antigen Ly-9; Cell surface molecule Ly-9; Lymphocyte antigen 9; SLAM family member 3; SLAMF3; Signaling lymphocytic activation molecule 3; CD229		
Entrez Gene	4063 (Human)		
SwissProt	Q9HBG7 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>KDSAPTVVSG ILGGSVTLPL NISVDTEIEN VIWIGPKNAL AFARPKENVT IMVKSYLGRL DITKWSYSLC ISNLTLDAG SYKAQINQRN FEVTTEEEFT LFVYEQLQEP QVTMKSVKVS ENFSCNITLM CSVKGAEKSV LYSWTPREPH ASESNGGSIL TVSRTPCDPD LPYICTAQNP VSQRSSLPVH VGQFCTDPA SRGGTTGETV VGVLGEPVTL PLALPACRDT EKVVWLFNTS IISKEREEAA TADPLIKSRD PYKNRVWVSS QDCSLKISQL KIEDAGPYHA YVCSEASSVT SMTHVTLIIY RRLRKPITW SLRHSDEGIC RISLTCSEV DGGNTVMYTW PLQKEAVVSQ GESHLNVSWR SSENHPNLTC TASNPSRSS HQFLSENICS GPERNTKHHH HHH</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		

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

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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