

Recombinant Human KLRC1/KLRD1 Protein

Catalog #	Source	Reactivity	Applications
CRP2761	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human KLRC1/KLRD1 Protein is produced by mammalian expression system and the target gene encoding Arg100-Leu233 & Ser34-Ile179 is expressed with a 8His & Flag tag at the N-terminus
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	KLRC1; KLRD1
Alternative Names	NKG2A; NKG2-A/NKG2-B type II integral membrane protein; CD159 antigen-like family member A; NK cell receptor A; NKG2-A/B-activating NK receptor; CD159a; CD94; Natural killer cells antigen CD94; KP43; Killer cell lectin-like receptor subfamily D member 1; NK cell receptor; CD94
Entrez Gene	3821; 3824 (Human)
SwissProt	P26715; Q13241 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	HHHHHHHRH NSSLNTRTQ KARHCGHCPE EWITYSNSCY YIGKERRTWE ESSLACTSKN SLLSIDNEE EMKFLSIISP SSWIGVFRNS SHHPWVTMNG LAFKHEIKDS DNAELNCAVL QVNRKLSAQC GSSIIYHCKH KL&DYKDDDD KSFTKLSIEP AFTPGPNIEL QKDSGCCSCQ EKWVGYRCNC YFISSEQKTW NESRHLCASQ KSSLLQLQNT DELDFMSSSQ QFYWIGLSYS EEHTAWLWEN GSALSQYLFQ SFETFNTKNC IAYNPNGNAL DESCEDKNRY ICKQQLI
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

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

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 $2-8^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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