

Recombinant Human KLKB1 Protein

Catalog #	Source	Reactivity	Applications
CRP1863	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human KLKB1 Protein is produced by our mammalian expression system and the target gene encoding Gly20-Ala638 is expressed with a 6His tag at the C-terminus.
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Gene Symbol	KLKB1
Alternative Names	KLK3; Plasma kallikrein; Fletcher factor; Kininogenin; Plasma prekallikrein
Entrez Gene	3818 (Human)
SwissProt	P03952 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	GCLTQLYENA FFRGGDVASM YTPNAQYQCM RCTFHPRCLL FSFLPASSIN DMEKRFGCFL KDSVTGTLPK VHRTGAVSGH SLKQCGHQIS ACHRDIYKGV DMRGVNFNVS KVSSVEECQK RCTNNIRCQF FSYATQTFHK AEYRNNCLLK YSPGGTPTAI KVLSNVESGF SLKPCALSEI GCHMNIFQHL AFSDVDVARV LTPDAFVCRT ICTYHPNCLF FTFYTNVWVKI ESQRNVCLLK TSESGTPSSS TPQENTISGY SLLTCKRTL P EPCHSKIYPG VDFGGEELNV TFKVGNVVCQ ETCTKMIRCQ FFTYSLLPED CKEEKCKCFL RLSMDGSPTR IAYGTQGSSG YSLRLCNTGD NSVCTTKTST RIVGGTNSSW GEWPWQVSLQ VKLTAQRHLC GGSLIGHQWV LTAAHCFDGL PLQDVWRIYS GILNLSITK DTPFSQIKEI IHHQNYKVSE GNHDIALIKL QAPLNYTEFQ KPICLPSKGD TSTIYTNCWV TGWGFSSKEKG EIQNILQKVN IPLVTNEECQ KRYQDYKITQ RMVCAGYKEG GKDACKGDSG GPLVCKHNGM WRLVGITSWG EGCARREQPG VYTKVAEYMD WILEKTQSSD GKAQMQSPAV DHHHHHH

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

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year.

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