

Recombinant Human KEL Protein

Catalog #	Source	Reactivity	Applications
CRP1845	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human KEL Protein is produced by our mammalian expression system and the target gene encoding Asn68-Trp732 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol KEL

Alternative Names Kell blood group glycoprotein; CD238

Entrez Gene 3792 (Human)

SwissProt P23276 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure NFQNCGPRPC ETSVCLDLRD HYLASGNTSV APCTDFFSFA CGRAKETNNS FQELATKNKN
 RLRRILEVQN SWHPGSGEEK AFQFYNSCMD TLAIEAAGTG PLRQVIEELG GWRISGKWTS
 LNFNRTLRL MSQYGHFPFF RAYLGPHPAS PHTPVIIQIDQ PEFDVPLKQD QEQKIYAQIF
 REYLTYLNQL GTLLGGDSPK VQEHSLSIS ITSRLFQFLR PLEQRRRAQGK LFMVMTIDQL
 KEMAPAIWDL SCLQATFTPM SLSPSLSLVV HDVEYLKNMS QLVEEMLLKQ RDFLQSHMIL
 GLVVTLSPAL DSQFQEARRK LSQKLRELTE QPPMPARPRW MKCVEETGTF FEPTLAALFV
 REAFGPSTRS AAMKLFYAIR DALITRLRNL PWMNEETQNM AQDKVAQLQV
 EMGASEWALK PELARQEYND IQLGSSFLQS VLSCVRSRRA RIVQSFLQPH PQHRWKVSPW
 DVNAYYSVSD HVVVFAGLL QPPFFHPGYP RAVNFGAAGS IMAHELLHIF YQLLLPGGCL
 ACDNHALQEA HLCLKRHYAA FPLPSRTSFN DSLTFLENAA DVGGLAIALQ AYSKRLRHH
 GETVLPDL SPQQIFFRSY AQVMCRKPSQ QSDHDTHTSP HLRVHGPLSS TPAFARYFRC
 ARGALLNPSS RCQLWVDHHH HHH

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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