

Recombinant Human Kell

Catalog No: CJ26

Description	Recombinant Human Kelch-like protein 41 is produced by our Mammalian expression system and the target gene encoding Asn68-Trp732 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Kell blood group glycoprotein; CD238; KEL
Accession No.	P23276
Formulation	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Quality Control	<p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
Shipping	<p>The product is shipped on dry ice/polar packs.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
Storage	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Amino Acid Sequence	<p>NFQNCGRPCETSVCLDLRDHYLASGNTSVAPCTDFFSFACGRAKETNNSFQELATKNKNRLRRILEV QNSWHPGSGEEKAFQFYNSCMDTLAIEAAGTGPLRQVIEELGGWRISGKWTSNLFNRTLRLMSQYG HFPFFRAYLGPHASPHTPVIQIDQPEFDVPLKQDQEQKIYAQIFREYLTYLNQLGTLLGGDPKVEHS SLSISITSRLFQFLRPLEQRRRAQKGLFQMVITDQLKEMAPAIWLSCLQATFTPMSLSPSQSLVVDVEY LKNMSQLVEEMLLKQRDFLQSHMILGLVVTLSPALDSQFQEARRKLSQKLRELTEQPPMPARPRWMKC VEETGTFFFEPTLAALFVREAFGPSTRSAAMKLFATAIRDALITRLRNLPWMNEETQNMAQDKVAQLQVEM GASEWALKPELARQEYNDIQLGSSFLQSVLSCVRSRLRARIVQSFLQPHQPQHRWKVSPWDVNAYYSVS DHVVFPAGLLQPPFFHPPGYPRAVNFGAAGSIMAHELLHIFYQLLLPGGCLACDNHALQEAHLCKRHY AAFPLPSRTSFNDSTFLENAADVGGIAIALQAYSKRLLRHHGETVLPDLSPQQIFFRSYAQVMCRKP SPQDSDHDTSPPHLRVHGPLSSTPAFARYFRCARGALLNPSSRCQLWVDHH HHHH</p>
Background	<p>Kell blood group glycoprotein (KEL) is a single-pass type II membrane protein which belongs to the peptidase M13 family. It is expressed in Expressed at high levels in erythrocytes and testis, and, at lower levels, in skeletal muscle, tonsils, lymph node, spleen and appendix. KEL has been shown zinc endopeptidase with endothelin-3- converting enzyme activity. It cleaves EDN1, EDN2 and EDN3, with a marked preference for EDN3. It links via a single disulfide bond to the XK membrane protein that carries the Kx antigen.</p>

