

## 32-8503: Recombinant Human Kelch-Like protein 41/Kell/CD238 (C-6His)

**Gene :** KEL  
**Gene ID :** 3792  
**Uniprot ID :** P23276

### Description

Source: Human Cells.  
MW :78.4kD.

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. Kell blood group glycoprotein (KEL) is a single-pass type II membrane protein which belongs to the peptidase M13 family. It is expressed 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** NFQNCGPRPCETSVCLDLRDHYLASGNTSVAPCTDFFSFACGRAKETNNSFQELATKNKNRLRRILEVQNSWH  
PGSGEEKAFQFYNSCMDTLAIEAAGTGPLRQVIEELGGWRISGKWTSLNFNRTLRLLLMSQYGHFPFFRAYLGPH  
PASPHTPVIQIDQPEFDVPLKQDQEQKIYAQIFREYLTYLNQLGTLGGDPSKVQEHSSLSISITSRLFQFLRPLEQ  
RRAQGKLFQMTIDQLKEMAPAIWLSCLQATFTPMSLSPSQSLVVHDVEYLKNMSQLVEEMLLKQRDFLQSH  
MILGLVVTLSPALDSQFQEARRKLSQKLRELTEQPPMPARPRWMKCVETGTFEPTLAALFVREAFGPSTRSA  
AMKLFATAIRDALITRLRNLPMWNEETQNMAQDKVAQLQVEMGASEWALKPELARQEYNDIQLGSSFLQSVLSC  
VRSLRARIVQSFLQPHQHRWKVSPWDVNAYYSVDHVVVFPAGLLQPPFFHPGYPRAVNFGAAGSIMAHELL  
HIFYQLLLPGGCLACDNHALQEHLCLKRHYAAFPLPSRTSFNDSLTFLENAADVGGGLAIALQAYSKRLLRRHGE  
TVLPSLDLSPQQIFFRSYAQVMCRKPSQDSDHDTSPPHLRVHGPLSSTPAFARYFRCARGALLNPSSRCQLWV  
DHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.