

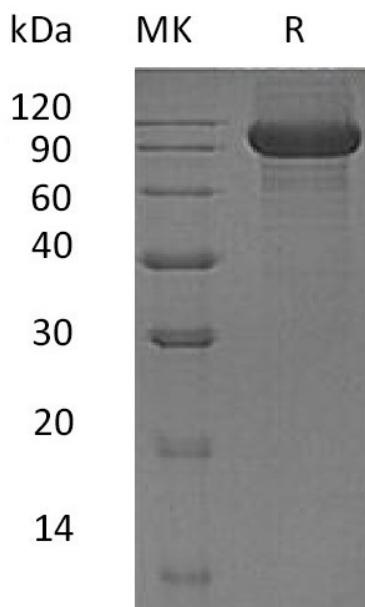
Product Name: Recombinant Human Kell (C-6His)
Catalog #: PHH1044



Summary

Name	Kelch-like protein 41/KEL
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P23276
Host	Human Cells
Species	Human
Predicted Molecular Mass	76.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

Kell blood group glycoprotein; CD238; KEL

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.