

# Recombinant Full Length Human KEL Protein

**Cat. No.** KEL-262HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Blood Group Kell Antigen containing an N-terminal proprietary tag; Predicted MW 106.59 kDa
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	732 amino acids
<b>Description</b>	This gene encodes a type II transmembrane glycoprotein that is the highly polymorphic Kell blood group antigen. The Kell glycoprotein links via a single disulfide bond to the XK membrane protein that carries the Kx antigen. The encoded protein contains sequence and structural similarity to members of the neprilysin (M13) family of zinc endopeptidases.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	106.590kDa inclusive of tags
<b>AA Sequence</b>	MEGGDQSEEEPRERSQAGGMGTLWSQESTPEERLPVEGSR PWAVARRVLTAILIL GLLLCFSVLLFYNFQNCGPRPCETS VCLDLRDHYLASGNTSVAPCTDFFSFACGRA KETNNSFQE LATKNKNRLRRILEVQNSWHPGSGEEKAFQFYNSCMDTLA IEAAGT GPLRQVIEELGGWRISGKWTSLNFNRTLRLLSMSQ YGHFPPFRAYLGPHASPHTPV IQIDQPEFDVPLKQDQEQ KIYAQIFREYLYTLNQLGTLGGDPSKVQEHSSLSISITS RLFQFLRPLEQRRAQGKLFQMVTIDQLKEMAPAIWLSCL QATFTPMSLSPSQSLV

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VHDVEYLKNMSQLVEEMLLKQRDF LQSHMILGLVVTLSPALDSQFQEARRKLSQKL  
 RELTEQPP MPARPRWMKCVEETGTFEPTLAALFVREAFGPSTRSAAM KLFTAIRD  
 ALITRLRNLPWMNEETQNMAQDKVAQLQVEMG ASEWALKPELARQEYNDIQLGSS  
 FLQSVLSCVRSRLRARIV QSFLQPHPQHRWKVSPWDVNAYYSVSDHVVVFPAGLLQ  
 PP FFHPGYPRAVNFGAAGSIMAHELLHIFYQLLLPGGCLACD NHALQEHLCLKRH  
 YAAFPLPSRTSFNDSLTFLENAADVGLAIALQAYSKRLLRHHGETVLPDLSPQQI  
 FFRSYAQV MCRKPSPQDSHDTSPPHLRVHGPLSSTPAFARYFRCARG ALLNPSS  
 RCQLW

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** [KEL Kell blood group, metallo-endopeptidase \[ Homo sapiens \]](#)

**Official Symbol** [KEL](#)

**Synonyms** KEL; Kell blood group, metallo-endopeptidase; Kell blood group , Kell blood group, metalloendopeptidase; kell blood group glycoprotein; CD238; ECE3

**Gene ID** [3792](#)

**mRNA Refseq** [NM\\_000420](#)

**Protein Refseq** [NP\\_000411](#)

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**MIM** 613883

**UniProt ID** P23276

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