

Recombinant Full Length Human KEL Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human Blood Group Kell Antigen containing an N-terminal proprietary tag; Predicted MW 106.59 kDa
Species	Human
Source	In Vitro Cell Free System
ProteinLength	732 amino acids
Description	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.
Form	Liquid
Molecular Mass	106.590kDa inclusive of tags
AA Sequence	MEGGDQSEEEPRERSQAGGMGTLWSQESTPEERLPVEGSR PWAVARRVLTAILIL GLLLCFSVLLFYNFQNCGPRPCETS VCLDLRDHYLASGNTSVAPCTDFFSFACGRA KETNNSFQE LATKNKNRLRRILEVQNSWHPGSGEEKAFQFYNSCMDTLA IEAAGT GPLRQVIEELGGWRISGKWTSLNFNRTLRLLSMSQ YGHFPFFRAYLGPHASPHTPV IQIDQPEFDVPLKQDQEQ KIYAQIFREYLTLYNLQGLTLLGGDPSKVQEHSSLSISITS RLFQFLRPLEQRRRAQGKLFQMVTIDQLKEMAPAIWDLSCL QATFTPMSLSPSQSLV

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VHDVEYLKNMSQLVEEMLLKQRDF LQSHMILGLVVTLSPALDSQFQEARRKLSQKL
RELTEQPP MPARPRWMKCVEETGTFFEPTLAALFVREAFGPSTRSAAM KLFTAIRD
ALITRLRNLPWMNEETQNMAQDKVAQLQVEMG ASEWALKPELARQEYNDIQLGSS
FLQSVLSCVRSRLRIV QSFLQPHPQHRWKVSPWDVNAYYSVSDHVVPAGLLQ
PP FFHPGYPRAVNFGAAGSIMAHELLHIFYQLLLPGGCLACD NHALQEAHLCLKRH
YAAFLPSRTSFNDSLTFLENAADVGLAIALQAYSKRLLRHHGETVLPDLSPQQI
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
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UniProt ID	P23276
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