Recombinant Mouse Kel Protein, His-tagged

Cat. No. Kel-018M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Kell, fused to His-tag at C terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect cells
Description	Zinc endopeptidase with endothelin-3-converting enzyme activity. Cleaves EDN1, EDN2 and EDN3.
Form	Liquid
Molecular Mass	76.3 kDa
AA Sequence	IFRNCGPCPCETPVCMELLDHYLASGNRSVAPCTDFFSFACEKANGTSDSFQALTE ENKSRLWRLLEAPGSWHLGSGEEKAFQFYNSCMDTDAIEASGSGPLIQIIEELGGW NITGNWTSLDFNQNLRLLMSQYGHFPFFRAYLRPHPAPPHTPIIQIDQPEFDILLQQE QEQKVYAQILREYVTYLNRLGTLLGSNPQEAQQHASWSIVFTSRLFQFLRPQQQQQ AQDKLFHVVTIDELQEMAPAIDWLSCLQAIFTPMSLNSSQTLVVHDLDYLRNMSQLV EEGLLNHRESIQSYMILGLVDTLSPALDTKFQEARRELIQELRKLKERPPLPAYPRWM KCVEQTGAFFEPTLAALFVREAFGPSIQSAAMELFAEIKDAVIIRLKKLSWISEETQKE ALNKLAQLQVEMGAPKRAVKPDIATQEYNDIQLGPSFLQSFLSCVRSLRARNVQSFL QPFPYHRWQKSPWEVNAYYSISDHMVVFPAGLLQPPFFHPGYPRAVNFGAAGSIM AHELLHIFYQLLLPGGCPACDTHVLQEALLCLERHYAAFPLPSISSFNGSHTLLENAA DIGGVAIAFQAYSKRIVEHTGELTLPNLDLSPYQLFFRSYAQVMCRGLSSQDPQDPH

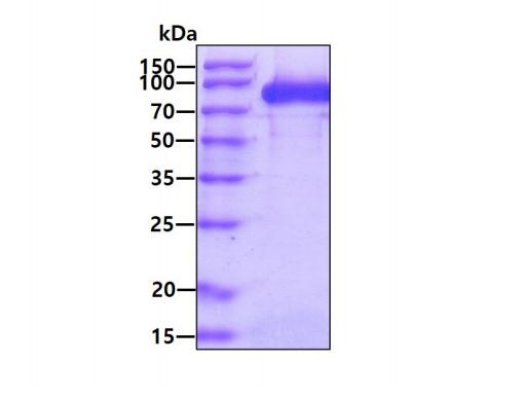
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	SPPSLRVHGPLSNTPDFAKHFHCPRGTLLNPSARCKLW
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -97 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	Kel Kell blood group [Mus musculus (house mouse)]
Official Symbol	Kel
Synonyms	Kel; Kell blood group; Ece3; CD238; kell blood group glycoprotein homolog; Kel blood group protein; Kell blood group, metallo-endopeptidase; Kell protein
Gene ID	23925
mRNA Refseq	NM_032540
Protein Refseq	NP_115929
UniProt ID	Q9EQF2

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SDS-PAGE	 3 μg by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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