

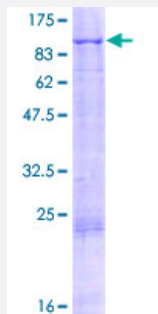
Full-Length

KEL (Human) Recombinant Protein (P01)

Catalog # H00003792-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KEL full-length ORF (NP_000411.1, 1 a.a. - 732 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEGGDQSEEEPRERSQAGGMGLWSQESTPEERLPVEGSRPWAVARRVLTAILLGLLLCFSVL
LFYNFQNCGPRPCETSVCLDLRDHYLASGNTSVAPCTDFFSFACGRAKETNNSFQELATKNKNR
LRRILEVQNSWHPGSGEEKAFQFYNSCMDTLAIEAAGTGPLRQVIEELGGWRISGKWTSLNFNRT
LRLMSQYGHFPFFRAYLGPHASPHTPVIIQDQPEFDVPLKQDQEQKIYAQIFREYLYLNQLGTL
GGDPSKVQEHSLSISITSRLFQFLRPLEQRRAQGKLFQMVTIDQLKEMAPIDWLSCLQATFTPM
SLSPSQSLVVHDVEYLNMSQLVEEMLLKQRDFLQSHMILGLVVTLSPALDSQFQEARRKLSQKL
RELTEQPPMPARPRWMKCVEETGTFFFEPTLAALFVREAFGPSTRSAAMKLFATAIRDALITRLNLP
WMNEETQNMAQDKVAQLQVEMGASEWALKPELARQEYNDIQLGSSFLQSVLSCVRSRLRARIQ
SFLQPHPQHRWKVSPWDVNAYYSVSDHVVVFPAGLLQPPFFHPGYPRAVNFGAAGSIMAHELL
HIFYQLLLPGGCLACDNHALQEHLCLKRHYAAFPLPSRTSFNDSLTFLENAADVGGLAIALQAYS
KRLLRHHGETVLPDLSPQQIFFRSYAQVMCRKPSQDSDHDSPPHLRVHGPLSSTPAFARYF
RCARGALLNPSSRCQLW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

109.2

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KEL

Entrez GeneID	3792
GeneBank Accession#	NM_000420.2
Protein Accession#	NP_000411.1
Gene Name	KEL
Gene Alias	CD238, ECE3
Gene Description	Kell blood group, metallo-endopeptidase
Omim ID	110900
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	-

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)