

KEL/Kelch-like protein 41 Protein, Human (HEK293, His)

Cat. No.:	HY-P70324
Synonyms:	rHuKell blood group glycoprotein/KEL, His; Kell blood group glycoprotein; CD238; KEL
Species:	Human
Source:	HEK293
Accession:	P23276 (N68-W732)
Gene ID:	3792
Molecular Weight:	85-120 kDa

PROPERTIES

AA Sequence

NFQNCGPRPC	ETSVCLDLRD	HYLASGNTSV	APCTDFFSFA
CGRACKETNNS	FQELATKNKN	RLRRILEVQN	SWHPGSGEEK
AFQFYNSCMD	TLAIEAAGTG	PLRQVIEELG	GWRI SGKWTS
LNFNRTLRL	MSQYGHFPFF	RAYLGPHPAS	PHTPVIQIDQ
PEFDVPLKQD	QEQKIYAQIF	REYLTLYLNQL	GTLLGGDPSK
VQEHSSLSIS	ITSRLFQFLR	PLEQRR AQGK	LFQMVTIDQL
KEMAPAIDWL	SCLQATFTPM	SLSPSQSLVV	HDVEY LKNMS
QLVEEMLLKQ	RDFLQSHMIL	GLVVTLSPAL	DSQFQEARRK
LSQKLRELTE	QPPMPARPRW	MKCV EETGTF	FEPTLAALFV
REAFGPSTRS	AAMKLF TAIR	DALITRLRNL	PWMNEETQNM
AQDKVAQLQV	EMGASEWALK	PELARQEYND	IQLGSSFLQS
VLSCVRS LRA	RIVQSFLQPH	PQHRWKVSPW	DVNAYYSVSD
HVVVFPA GLL	QPPFFHPGYP	RAVNFGAAGS	IMAHELLHIF
YQLLLPGGCL	ACDNHALQEA	HLCLKRHYAA	FPLPSRTS FN
DSLTFLENA A	DVGGLAIALQ	AYSKRLLRHH	GETVLP SLDL
SPQQIFFRSY	AQVMCRKPS P	QDSHDTHSPP	HLRVHG PLS S
TPAFARYFRC	ARGALLNPSS	RCQLW	

Appearance Solution.

Formulation Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution N/A

Storage & Stability Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.

Shipping Shipping with dry ice.

DESCRIPTION

Background

KEL/Kelch-like protein 41 functions as a zinc endopeptidase with specific endothelin-3-converting enzyme activity. It demonstrates the ability to cleave endothelin-1 (EDN1), endothelin-2 (EDN2), and endothelin-3 (EDN3), displaying a notable preference for EDN3 over the other substrates. Through its endopeptidase activity, KEL contributes to the processing of endothelin peptides, highlighting its role in the modulation of endothelin signaling pathways.

Caution: Product has not been fully validated for medical applications. For research use only.

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