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## Datasheet for ABIN7318702 KEL Protein (His tag)

### Overview

Quantity:	50 µg
Target:	KEL
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KEL protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human KEL/CD238 Protein (His Tag)
Sequence:	Asn68-Trp732
Characteristics:	Recombinant Human Kelch-like protein 41 is produced by our Mammalian expression system and the target gene encoding Asn68-Trp732 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	KEL
Alternative Name:	KEL/CD238 ( <a href="#">KEL Products</a> )
Background:	Background: Kell blood group glycoprotein (KEL) is a single-pass type II membrane protein which belongs to the peptidase M13 family. It is expressed in Expressed at high levels in erythrocytes and testis, and, at lower levels, in skeletal muscle, tonsils, lymph node, spleen and

## Target Details

appendix. KEL has been shown zinc endopeptidase with endothelin-3-converting enzyme activity. It cleaves EDN1, EDN2 and EDN3, with a marked preference for EDN3. It links via a single disulfide bond to the XK membrane protein that carries the Kx antigen.

Synonym: Kell blood group glycoprotein, CD238, KEL

Molecular Weight: 78.4 kDa

UniProt: [P23276](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

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

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.