

## Recombinant Human KEL/CD238 Protein (His Tag)

**Catalog Number:** PKSH032671

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

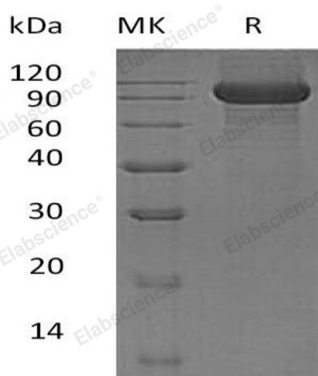
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human KEL;CD238 protein Asn68-Trp732, with an C-terminal His
<b>Calculated MW</b>	76.4 kDa
<b>Observed MW</b>	85-120 kDa
<b>Accession</b>	P23276
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

### Data



> 95 % as determined by reducing SDS-PAGE.

### 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 erythrocytes and testis, and, at lower levels, in skeletal muscle, tonsils, lymph node, spleen and 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.