

Product datasheet for **TP762078**

KEL (NM_000420) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human Kell blood group, metallo-endopeptidase (KEL), Thr166-Pro420, with N-terminal His tag, expressed in E. coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding the region(Thr166-Pro420) of KEL |
| Tag: | N-His |
| Predicted MW: | 29.5 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 50 mM Tris-HCl, pH 8.0, 8 M urea |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_000411 |
| Locus ID: | 3792 |
| UniProt ID: | P23276 , A0A077QP03 |
| RefSeq Size: | 2562 |
| Cytogenetics: | 7q34 |
| RefSeq ORF: | 2196 |
| Synonyms: | CD238; ECE3; Kell |



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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, Jul 2008]

Protein Families:

Druggable Genome, Protease, Transmembrane

Product images: