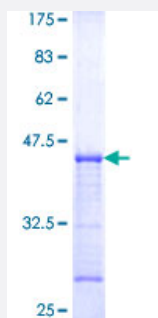


# TMEM123 (Human) Recombinant Protein (Q01)

Catalog # H00114908-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human TMEM123 partial ORF ( NP_443164, 34 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	ETLQHVPDHTNETSNSTVKPPTSVASDSSNTTVTTMKPTAASNTTTPGMVSTNMTSTTLKSTPK TTSVSQNTSQISTSTMTVTHNSSVTSAASSVTITT
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — TMEM123

Entrez GeneID [114908](#)

GeneBank Accession# [NM\\_052932](#)

Protein Accession# [NP\\_443164](#)

Gene Name TMEM123

Gene Alias KCT3, PORIMIN, PORMIN

Gene Description transmembrane protein 123

Omim ID [606356](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti-PORIMIN (pro-oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. This gene product is proposed to function as a cell surface receptor that mediates cell death. [provided by RefSeq]

**Other Designations** keratinocytes associated transmembrane protein 3|pro oncosis receptor inducing membrane injury|pro-oncosis receptor inducing membrane injury|serine/threonine-rich receptor