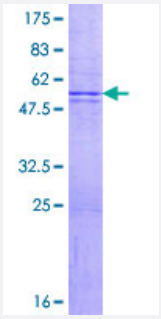
Full-Length

TMEM123 (Human) Recombinant Protein (P01)

Catalog # H00114908-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TMEM123 full-length ORF (NP_443164.2, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGLGARGAWAALLLGTLQVLALLGAAHESAAMAASANIENSGLPHNSSANSTETLQHVPSDHTNETSNSTVKPPTSVASDSSNTTVTTMKPTAASNTTTPGMVSTNMTSTTLKSTPKTTSVSQNTSQISTSTMTVTHNSSVTSAASSVTITTTTMHSEAKKGSKFDTGSFVGGIVLTLGVLSILYIGCKMYYSRRGIRYRTIDEHDAII
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.9
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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_052932.2
Protein Accession#	NP_443164.2
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 te rmed mucins. Exposure of some cell types to anti-PORIMIN (pro-oncosis receptor inducing memb rane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death ter med 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 re ceptor that mediates cell death. [provided by RefSeq
Other Designations	keratinocytes associated transmembrane protein 3|pro oncosis receptor inducing membrane injur y|pro-oncosis receptor inducing membrane injury|serine/threonine-rich receptor