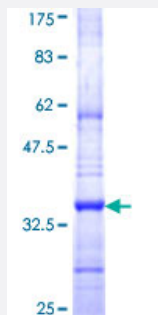


ICMT (Human) Recombinant Protein (Q01)

Catalog # H00023463-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ICMT partial ORF (NP_036537, 86 a.a. - 154 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SQSSWSHFGWYMCSLSLFHYSEYLVTA VNNPKSLSLDSFLLNHSLEYTVAALSSWLEFTLENIFW PELK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.33
Interspecies Antigen Sequence	Mouse (96); Rat (95)
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 — ICMT

Entrez GeneID [23463](#)

GeneBank Accession# [NM_012405](#)

Protein Accession# [NP_036537](#)

Gene Name ICMT

Gene Alias HSTE14, MGC39955, MST098, MSTP098, PCCMT, PCMT, PPMT

Gene Description isoprenylcysteine carboxyl methyltransferase

Omim ID [605851](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the third of three enzymes that posttranslationally modify isoprenylated C-terminal cysteine residues in certain proteins and target those proteins to the cell membrane. This enzyme localizes to the endoplasmic reticulum. Alternative splicing may result in other transcript variants, but the biological validity of those transcripts has not been determined. [provided by RefSeq]

Other Designations OTTHUMP00000001381|prenylated protein carboxyl methyltransferase|prenylcysteine carboxyl methyltransferase|protein-S isoprenylcysteine O-methyltransferase

Disease

- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Spinal Dysraphism](#)