

Recombinant Full Length Human MCTP1 Protein, GST-tagged

Cat. No. MCTP1-6093HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MCTP1 full-length ORF (AAH30005, 1 a.a. - 600 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	600 amino acids
Description	MCTP1 (Multiple C2 And Transmembrane Domain Containing 1) is a Protein Coding gene. GO annotations related to this gene include calcium ion binding and calcium-dependent phospholipid binding. An important paralog of this gene is MCTP2.
Molecular Mass	91.74 kDa
AA Sequence	MLDSCKLKSACNLPFICNKKIINTAGTSNAEVPLADPGMYQLDITLRRGQSLAARDRG GTSDPYVKFKIGGKEVFRSKIIHKNLNPVWEEKACILVDHLREPLYIKVFDYDFGLQD DFMGSAFLDLTQLELNRPTDVTLTALKDPHYPDHDLGIILLSVILTPKEGESRDVTMLM RKSWKRSSKELESENEVVGSYFSVKSFLWRTCGRPALPVLGFCRAELQNPYCKNVQ FQTQSLRLSDLHRKSHLWRGIVSITLIEGRDLKAMDSENGLSDPYVKFRLGHQKYKSKI MPKTLNPQWREQDFHLYEERGGVIDITAWDKDAGKRDDFIGRCQVDLSALSREQT HKLELQLEEGEGHLVLLVTLTASATVSISDLSVNSLEDQKEREIEILKKYSPLRIFHNLK DVGFLQVKVIRAEGLMAADVTGKSDPFCVVELNNDRLLTHTVYKNLNPEWNVKVFTE NIKDIHSVLEVTVYDEDRDRSADFLGKVAIPLLSIQNGEQKAYVLKNKQLTGPTKGVYI LEIDVIFNAVKASLRTLIPKEQKYIEEENRLSKQLLLRNFRMKRCVMVLVNAAYVNS

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CFDWDSPPRSLAAFVALYGTFINV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[MCTP1 multiple C2 domains, transmembrane 1 \[Homo sapiens \]](#)

Official Symbol

[MCTP1](#)

Synonyms

MCTP1; multiple C2 domains, transmembrane 1; multiple C2 and transmembrane domain-containing protein 1; FLJ22344; multiple C2-domains with two transmembrane regions 1;

Gene ID

[79772](#)

mRNA Refseq

[NM_001002796](#)

Protein Refseq

[NP_001002796](#)

MIM

[616296](#)

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UniProt ID

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