

Recombinant Human MCTS1, His-tagged

Cat. No. MCTS1-7551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MCTS1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-181aa
Antigen Description	Malignant T cell amplified sequence 1, also known as MCTS1, plays a role as translation enhancer; Recruits the density-regulated protein/DENR and binds to the cap complex of the 5'-terminus of mRNAs, subsequently altering the mRNA translation profile; Up-regulates protein levels of BCL2L2, TFDP1, MRE11A, CCND1 and E2F1, while mRNA levels remains constant.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	22.9 kDa (204aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMFKKFDE KENVSNCIQL KTSVIKGIKN QLIEQFPGIE PWLNQIMPKK DPVKIVRCHE HIEILTVNGE LLFFRQREGP FYPTLRLLHK YPFILPHQQV DKGAIKFVLS GANIMCPGLT SPGAKLYPAA VDTIVAIMAE GKQHALCVGV MKMSAEDIEK VNKGIGIENI HYLNDGLWHM KTYK

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Purity	>95% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	MCTS1 malignant T cell amplified sequence 1 [Homo sapiens]
Official Symbol	MCTS1
Synonyms	MCTS1; malignant T cell amplified sequence 1; malignant T-cell-amplified sequence 1; MCT 1; multiple copies T-cell malignancies; malignant T cell-amplified sequence 1; MCT1; MCT-1; FLJ39637;
Gene ID	28985
mRNA Refseq	NM_001137554
Protein Refseq	NP_001131026
MIM	300587
UniProt ID	Q9ULC4
Chromosome Location	Xq24

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Function

RNA binding;

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