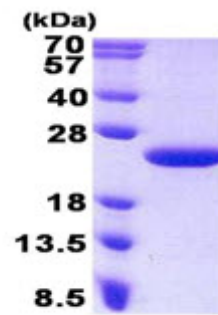


**AR50819PU-S****Human MCTS1 (1-181, His-tag) - Purified**

<b>Alternate names:</b>	MCT-1, MCT1, MCTS1, Malignant T cell amplified sequence 1
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.5 mg/ml (determined by Bradford assay)
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">Q9JLC4</a>
<b>NCBI:</b>	<a href="#">NP_054779</a>
<b>GeneID:</b>	<a href="#">28985</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
<b>Description:</b>	Recombinant human MCTS1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSMFKKFDE KENVSNCIQL KTSVIKGIKN QLIEQFPGIE PWLNQIMPCK DPVKIVRCHE HIEILTVNGE LLFFRQREGP FYPTLRLLHK YPFILPHQQV DKGAIKFVLS GANIMCPGLT SPGAKLYPAA VDTIVAIMEAE GKQHALCVGV MKMSAEDIEK VNKGIGIENI HYLNDGLWHM KTYK <b>Molecular weight:</b> 22.9 kDa (204aa) confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Herbert G.B., et al. (2001) Oncogene. 20:6777-6783 Shi B., et al. (2003) Blood. 102:297-302

Pictures:



15% SDS-PAGE (3ug)