

MCTS1 recombinant protein

MCTS1, 1-181aa, Human, His tag, E Coli

CATALOG # AAA48796	HOST E Coli	APPLICATIONS SDS-Page
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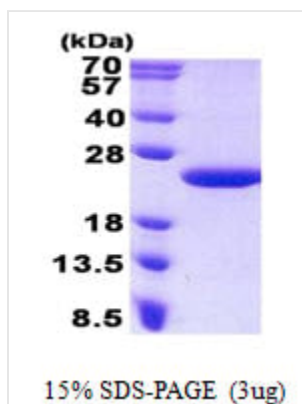
PRODUCT SYNONYMS

MCTS1; 1-181aa; Human; His tag; E Coli; Malignant T cell amplified sequence 1; MCT-1; MCT1; MCTS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMFKKFDE KENVSNCIQL KTSVIKGIKN QLIEQFPGIE PWLNQIMPKK DPVKIVRCHE HIEILTVNGE LLFFRQREGP FYPTLRLHK YPFILPHQQV DKGAIKFVLS GANIMCPGLT SPGAKLYPAA VDTIVAIMAE GKQHALCVGV MKMSAEDIEK VNKIGIGIENI HYLNDGLWHM KTYK
Sequence Length	181
Applicable Applications for MCTS1 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-181aa
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for one week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for MCTS1 recombinant protein	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. Recombinant human MCTS1 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for MCTS1 recombinant protein	Cardiovascular
References	Herbert G.B., et al. (2001) Oncogene. 20:6777-6783; Shi B., et al. (2003) Blood. 102:297-302;

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662502
NCBI GeneID	28985
NCBI Accession #	NP_054779
NCBI GenBank Nucleotide #	NM_014060.2
UniProt Accession #	Q9ULC4; Q502X6; B4DGY2
Molecular Weight	22.9 kDa (204aa) confirmed by MALDI-TOF
NCBI Official Full Name	malignant T-cell-amplified sequence 1 isoform 1
NCBI Official Synonym Full Names	MCTS1, re-initiation and release factor
NCBI Official Symbol	MCTS1
NCBI Official Synonym Symbols	MCT1; MCT-1
NCBI Protein Information	malignant T-cell-amplified sequence 1
UniProt Protein Name	Malignant T-cell-amplified sequence 1
UniProt Gene Name	MCTS1
UniProt Synonym Gene Names	MCT1; MCT-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mcts1-recombinant-protein-e-coli-sds-page/48796>