

Recombinant Human MLST8, T7 -tagged

Cat. No. MLST8-26546TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein (Human) fused to T7 tag at Nterminal end.
Species	Human
Source	E.coli
Description	The mammalian target of rapamycin (mTOR) also known as mechanistic target of rapamycin or FK506 binding protein 12-rapamycin associated protein 1 (FRAP1) is a protein which in humans is encoded by the FRAP1 gene.
Conjugation	T7
Tissue specificity	Broadly expressed, with highest levels in skeletal muscle, heart and kidney.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 10mM Tris, 0.1% Triton X-100, pH 8.
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the WD repeat LST8 family. Contains 7 WD repeats.

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Full Length

Full L.

GENE INFORMATION

Gene Name

 MLST8 MTOR associated protein, LST8 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

MLST8

Synonyms

 MLST8; MTOR associated protein, LST8 homolog (*S. cerevisiae*); target of rapamycin complex subunit LST8; G protein beta subunit like; GbetaL; GBL; Lst8; Pop3;

Gene ID

64223

mRNA Refseq

NM_001199175

Protein Refseq

NP_001186104

MIM

612190

Uniprot ID

Q9BVC4

**Chromosome
Location**

16p13.3

Pathway

Adaptive Immune System, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; CXCR3-mediated signaling events, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem;

Function

protein binding;

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