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 AzideConstituents: 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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