

Recombinant Human EDC3, GST-tagged

Cat. No. EDC3-12276H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EDC3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	158-508a.a.
Description	EDC3 is associated with an mRNA-decapping complex required for removal of the 5-prime cap from mRNA prior to its degradation from the 5-prime end (Fenger-Gron et al., 2005 [PubMed 16364915]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	EDC3 enhancer of mRNA decapping 3 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	EDC3

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Synonyms	EDC3; enhancer of mRNA decapping 3 homolog (S. cerevisiae); LSM16, LSM16 homolog (EDC3, S. cerevisiae) , YJDC, yjeF domain containing (E.coli); enhancer of mRNA-decapping protein 3; FLJ21128; hYjeF_N2 15q23; YJEFN2; yjeF_N2; hYjeF_N2; hYjeF_N2-15q23; yjeF domain containing; yjeF domain-containing protein 1; LSM16 homolog (EDC3, S. cerevisiae); yjeF N-terminal domain-containing protein 2; YJDC; LSM16; FLJ31777;
Gene ID	80153
mRNA Refseq	NM_001142443
Protein Refseq	NP_001135915
MIM	609842
UniProt ID	Q96F86
Chromosome Location	15q24.1
Pathway	Deadenylation-dependent mRNA decay, organism-specific biosystem; Decapping complex, organism-specific biosystem; Decapping complex, conserved biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; mRNA Decay by 5 to 3 Exoribonuclease, organism-specific biosystem;
Function	RNA binding; identical protein binding; protein binding;