

Recombinant Human EDC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EDC3-6554H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EDC3 MS Standard C13 and N15-labeled recombinant protein (NP_001135915) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that is important in mRNA degradation. The encoded protein is a component of a decapping complex that promotes efficient removal of the monomethylguanosine (m7G) cap from mRNAs, as part of the 5' to 3' mRNA decay pathway. Mutations in this gene have been identified in human patients with an autosomal recessive form of intellectual disability.
Molecular Mass	56.1 kDa
AA Sequence	MATDWLGSIVSINCGDSLGVYQGRVSAVDQVSQTISLTRPFHNGVKCLVPEVTFRA GDITELKILEIPGPGDNQHFGDLHQTELGPSGAGCQVGINQNGTGKFKVPASSSSA PQNIPKRTDVKSQDVAVSPQQQCSKSYVDRHMESLSQSKSFRRRHNSWSSSSR HPNQATPKKSGLKNGQMKNKDDECFGDDIEEIPDTDFDFEGNLALFDKAAVFEEIDT YERRSGTRSRGIPNERPTRYRHDENILESEPIVYRRIIVPHNVSKEFCTDSGLVVP SISYELHKKLLSVAEKHGLTLERRLEMTGVCASQMALTLGGPNRLNPKNVHQRPTVAL LCGPHVKGAQGISCGRHLANHDVQVILFLPNFVKMLESITNELSLFSKTQGGQVSS LKDLPSTPVDLVINCLDCPENVFLRDQPWYKAAVAWANQNRAPVLSIDPPVHEVEQGI

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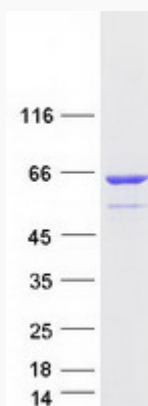
	DAKWSLALGLPLPLGEHAGRIYLCDIGIPQQVFQEVGINYHSPFGCKFVIPLHSATRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	EDC3 enhancer of mRNA decapping 3 [Homo sapiens (human)]
Official Symbol	EDC3
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

SDS-PAGE



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