

Recombinant Full Length Human EDC3 Protein, C-Flag-tagged

Cat. No. EDC3-533HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human EDC3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.9 kDa
AA Sequence	MATDWLGSIVSINCGDSLGVYQGRVSAVDQVSQTISLTRPFHNGVKCLVPEVTFRA GDITELKILEIPGP GDNQHFGDLHQTELGP SGAGCQVGINQNGTGKFVKKPASSSS APQNIPKRTDVKSQDVAVSPQQQCSKS YVDRHMESLSQSKSFRRRHNSWSSSS RHPNQATPKKSGLKNGQMKNKDDECFGDDIEEIPD TDFDFEGNL ALFDKAAVFEEI DTYERRSGTRSRGIPNERPTRYRH DENILESEPIVYRRIIVPHNVSKEFCTDSGLVVP SISYELHKKLLSVAEKHGLTLERRLEMTGVCASQMALTLLGGPNRLNPKNVHQRP TV ALLCGPHVKGAQG ISCGRHLANHDVQVILFLPNFVKMLESITNELSLFSKTQGGQVS SLKDLPTSPVDLVINCLDCPENVFLR DQPWYKAAVAWANQNRAPVLSIDPPVHEVE

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	QGIDAKWSLALGLPLPLGEHAGRIYLCDIGIPQQVFQEVG INYHSPFGCKFVIPLHSATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	RNA degradation
Full Length	Full L.

GENE INFORMATION

Gene Name	EDC3 enhancer of mRNA decapping 3 [Homo sapiens (human)]
Official Symbol	EDC3
Synonyms	YJDC; LSM16; MRT50; YJEFN2; hYjeF_N2-15q23
Gene ID	80153
mRNA Refseq	NM_025083.5

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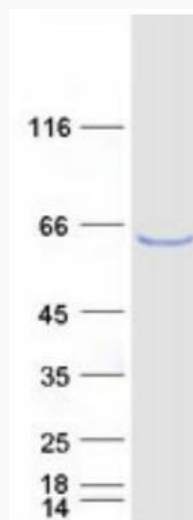
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Protein Refseq [NP_079359.2](#)

MIM [609842](#)

UniProt ID [Q96F86](#)



Coomassie blue staining of purified EDC3 protein.

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