

## Product datasheet for **TP326857L**

### EDC3 (NM\_001142443) Human Recombinant Protein

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Recombinant Proteins  |
| Description:          | Recombinant protein of human enhancer of mRNA decapping 3 homolog ( <i>S. cerevisiae</i> ) (EDC3), transcript variant 1, 1 mg |
| Species:              | Human   |
| Expression Host:      | HEK293T   |
| Expression cDNA       | >RC226857 protein sequence  |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s)  |

MATDWLGSIVSINCGDSLGVYQGRVSAVDQVSQTISLTRPFHNGVKCLVPEVTFRAGDITELKILEIPGP  
GDNQHFGDLHQTELGPSTGAGCQVGINQNGTGKFKKPASSSSAPQNIKRTDVKSDVAVSPQQQCSKS  
YVDRHMESLSQSKSFRRRHNSWSSSRHPNQATPKKSGKNGQMKNKDDECFGDDIEEIPDTDFDFEGNL  
ALFDKAAVFEEIDTYERRSGTRSRGIPNERPTRYRH DENILESEPIVYRRIIVPHNVSKEFCTDSGLVVP  
SISYELHKKLLSVAEKHGLTLERRLEMTGVCASQMALTLLGGPNRLNPKNVHQRPTVALLCGPHVKAQG  
ISCGRHLANHDVQVILFLPNFVKMLESITNELSLFSKTQGGQVSSLDLPTSPVDLVINCLDCPENVFLR  
DQPWYKAAVAWANQNRAPVLSIDPPVHEVEQGIDAKWSLALGLPLPLGEHAGRIYLCDIGIPQQVFQEVG  
INYHSPFGCKFVIPLHSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

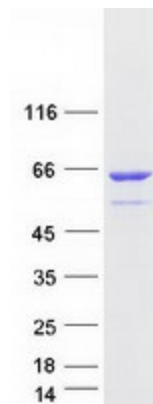
|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 55.9 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C.  |



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|                          |   |
|--------------------------|---|
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>RefSeq:</b>           | <a href="#">NP_001135915</a>  |
| <b>Locus ID:</b>         | 80153   |
| <b>UniProt ID:</b>       | <a href="#">Q96F86</a>  |
| <b>RefSeq Size:</b>      | 4086  |
| <b>Cytogenetics:</b>     | 15q24.1   |
| <b>RefSeq ORF:</b>       | 1524  |
| <b>Synonyms:</b>         | hYjeF_N2-15q23; LSM16; MRT50; YJDC; YJEFN2  |
| <b>Summary:</b>          | 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. [provided by RefSeq, May 2017] |
| <b>Protein Pathways:</b> | RNA degradation   |

### Product images:



Coomassie blue staining of purified EDC3 protein (Cat# [TP326857]). The protein was produced from HEK293T cells transfected with EDC3 cDNA clone (Cat# [RC226857]) using MegaTran 2.0 (Cat# [TT210002]).