

## Product datasheet for PH327114

### EDC3 (NM\_001142444) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	EDC3 MS Standard C13 and N15-labeled recombinant protein (NP_001135916)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227114
Predicted MW:	56.1 kDa
Protein Sequence:	>RC227114 protein sequence Red=Cloning site Green=Tags(s)

MATDWLGSIVSINCGDSLGVYQGRVSAVDQVSQTISLTRPFHNGVKCLVPEVTFRAGDITELKILEIPGP  
GDNQHFGLHQTELGPSGAGCQVGINQNGTGKFKVKKPASSSSAPQNIIPKRTDVKSQDVAVSPQQQCSKS  
YVDRHMESLSQSKSFRRRHNSWSSSRHPNQTTPKKSGLKNGQMKNDDECFGDDIEEIPDTRDFEGNL  
ALFDKAAVFEEIDTYERRSGTRSRGIPNERPTRYRHDENILESEPIVYRRIIVPHNVSKEFCTDSGLVVP  
SISYELHKKLLSVAEKHGLTLERRLEMTGVCASQMALTLGGPNRLNPKNVHQRPVALLCGPHVKGAAQG  
ISCGRHLANHDVQVILFLPNFVKMLESITNELSLFSKTQGGQVSSSLKDLPTSPVDLVINCLDCPENVFLR  
DQPWYKAAVAWANQNRAPVLSIDPPVHEVEQGIDAKWSLALGLPLPLGEHAGRIYLCDIGIPQQVFQEVG  
INYHSPFGCKFVIPLHSA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001135916</u>
RefSeq Size:	3871
RefSeq ORF:	1524



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**Synonyms:** hYjeF\_N2-15q23; LSM16; MRT50; YJDC; YJEFN2

**Locus ID:** 80153

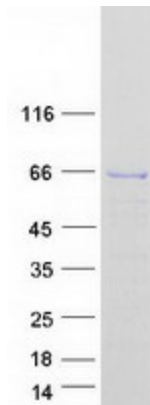
**UniProt ID:** [Q96F86](#)

**Cytogenetics:** 15q24.1

**Summary:** 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]

**Protein Pathways:** RNA degradation

### Product images:



Coomassie blue staining of purified EDC3 protein (Cat# [TP327114]). The protein was produced from HEK293T cells transfected with EDC3 cDNA clone (Cat# [RC227114]) using MegaTran 2.0 (Cat# [TT210002]).