

Product datasheet for PH305834

CPSF73 (CPSF3) (NM_016207) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CPSF3 MS Standard C13 and N15-labeled recombinant protein (NP_057291)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205834
Predicted MW:	77.5 kDa
Protein Sequence:	>RC205834 protein sequence Red=Cloning site Green=Tags(s)

MSAIPAEESDQLLIRPLGAGQEVRSCIIIEFKGRKIMLDCGIHPGLEGMALPYIDLIDPAEIDLLIS
HFHLDHCGALPWFLQKTSFKGRTFMTHATKAIYRWLLSDYVKVSNISADDMLYTETDLEESMDKIETINF
HEVKEVAGIKFWCYHAGHVLGAAMFMIEIAGVKLLYTGDFSRQEDRHLMAAEIPNIKPDILIIESTYGTH
IHEKREEREARFCNTVHDI VNRGGRGLIPVFALGRAQELLLILDEYWQNHPELHDIPYIYASSLAKKCM
VYQTYVAMNDKIRKQININPFVFKHISNLKSMDFDDIGPSVVMASPGMMQSGLSRELFEWCTDKRN
GVIIAGYCV EGLAKHIMSEPEEITMSGQKLPKMSVDYISFSAHTDYQQTSEFIRALKPPHVILVHGE
QNEMARLKAALIREYEDNDEVHIEVHNPRNTEAVTLNFRGEKLAKVMGFLADKKPEQGQVRSGLVKNF
NYHILSPCDLSNYTDLAMSTVKQTQAIPYTGPFNLLCYLQKLTGDVEELEIQEKPAKLVFKNITVIQEP
GMVVLEWLANPSNDMYADTVTTVILEVQSNPKIRKAVQKVSKKLEMHVYSKRLEIMLQDIFGEDCVSVK
DDSILSVTVDGKTANLNLETRTVECEESEDESREMLAAQRLYEALTPVH

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:	NP_057291
RefSeq Size:	2401



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RefSeq ORF: 2052

Synonyms: CPSF-73; CPSF73

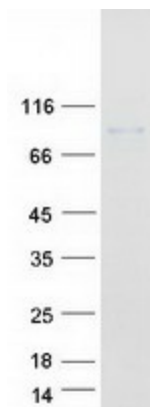
Locus ID: 51692

UniProt ID: [Q9UKF6](#)

Cytogenetics: 2p25.1

Summary: This gene encodes a member of the metallo-beta-lactamase family. The encoded protein is a 73kDa subunit of the cleavage and polyadenylation specificity factor and functions as an endonuclease that recognizes the pre-mRNA 3'-cleavage site AAUAAA prior to polyadenylation. It also cleaves after the pre-mRNA sequence ACCCA during histone 3'-end pre-mRNA processing. [provided by RefSeq, Oct 2012]

Product images:



Coomassie blue staining of purified CPSF3 protein (Cat# [TP305834]). The protein was produced from HEK293T cells transfected with CPSF3 cDNA clone (Cat# [RC205834]) using MegaTran 2.0 (Cat# [TT210002]).