

Recombinant Human CPSF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPSF3-1458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPSF3 MS Standard C13 and N15-labeled recombinant protein (NP_057291) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	77.5 kDa
AA Sequence	MSAIPAEESDQLLIRPLGAGQEVGRSCIILEFKGRKIMLDCGIHPGLEGM DALPYIDLI DPAEIDLLLISHFHLDHCGALPWFLQKTSFKGRTFMTHATKAIYRWLLSDYVKVSNIS ADDMLYTETDLEESMDKIETINFHEVKEVAGIKFWCYHAGHV LGAAMFMIEIAGVKLL YTGDFSRQEDRHLMAAEIPNIKPDILIIESTYGTHIHEKREEREARFCNTVHDIVNRGG RGLIPVFALGRAQELLLILDEYWQNHPELHDIPIYYASSLAKKCM AVYQTYVNAMNDK IRKQININNPVFVKHISNLKSMDHFDDIGPSVVMASPGMMQSGLSRELFESWCTDKR NGVIIAGYCV EGT LAKHIMSEPEEITMSGQKLPLKMSVDYISFSAHTDYQQTSEFIRA LKPPHVILVHGEQNEMARLKAALIREYEDNDEVHIEVHNPRNTEAVTLNFRGEKLAKV

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MGFLADKKPEQGQVRVSGILVKRNFNYHILSPCDLSNYTDLAMSTVKQTQAIPYTGPF
 NLLCYQLQKLTGDVEELEIQEKPAKVFKNITVIQEPGMVVLEWLANPSNDMYADTV
 TTVILEVQSNPKIRKGAVQKVSKKLEMHVYSKRLEIMLQDIFGEDCVSVKDDSIKSVTV
 DGKTANLNLETRTVECEESEDDSLREMVLAQAQRLYEALTPVHTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

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 CPSF3 cleavage and polyadenylation specific factor 3 [Homo sapiens (human)]

Official Symbol CPSF3

Synonyms CPSF3; cleavage and polyadenylation specific factor 3, 73kDa; cleavage and polyadenylation specific factor 3, 73kD subunit; cleavage and polyadenylation specificity factor subunit 3; CPSF 73; CPSF73; YSH1; CPSF 73 kDa subunit; mRNA 3-end-processing endonuclease CPSF-73; cleavage and polyadenylation specificity factor 3; cleavage and polyadenylation specificity factor 73 kDa subunit; CPSF; CPSF-73;

Gene ID 51692

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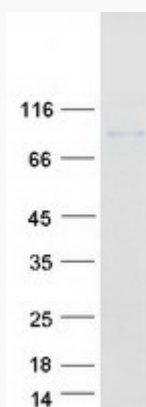
mRNA Refseq [NM_016207](#)

Protein Refseq [NP_057291](#)

MIM [606029](#)

UniProt ID [Q9UKF6](#)

SDS-PAGE



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