Recombinant Full Length Human CPSF3 Protein, GST-tagged

Cat. No. CPSF3-2154HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPSF3 full-length ORF (NP_057291.1, 1 a.a. - 684 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	684 amino acids
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. [provided by RefSeq, Oct 2012]
Molecular Mass	103.9 kDa
AA Sequence	MSAIPAEESDQLLIRPLGAGQEVGRSCIILEFKGRKIMLDCGIHPGLEGMDALPYIDLI DPAEIDLLLISHFHLDHCGALPWFLQKTSFKGRTFMTHATKAIYRWLLSDYVKVSNIS ADDMLYTETDLEESMDKIETINFHEVKEVAGIKFWCYHAGHVLGAAMFMIEIAGVKLL YTGDFSRQEDRHLMAAEIPNIKPDILIIESTYGTHIHEKREEREARFCNTVHDIVNRGG RGLIPVFALGRAQELLLILDEYWQNHPELHDIPIYYASSLAKKCMAVYQTYVNAMNDK IRKQININNPFVFKHISNLKSMDHFDDIGPSVVMASPGMMQSGLSRELFESWCTDKR NGVIIAGYCVEGTLAKHIMSEPEEITTMSGQKLPLKMSVDYISFSAHTDYQQTSEFIRA LKPPHVILVHGEQNEMARLKAALIREYEDNDEVHIEVHNPRNTEAVTLNFRGEKLAKV

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	MGFLADKKPEQGQRVSGILVKRNFNYHILSPCDLSNYTDLAMSTVKQTQAIPYTGPF NLLCYQLQKLTGDVEELEIQEKPALKVFKNITVIQEPGMVVLEWLANPSNDMYADTV TTVILEVQSNPKIRKGAVQKVSKKLEMHVYSKRLEIMLQDIFGEDCVSVKDDSILSVTV DGKTANLNLETRTVECEEGSEDDESLREMVELAAQRLYEALTPVH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CPSF3 cleavage and polyadenylation specific factor 3, 73kDa [Homo sapiens]
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

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