

Product datasheet for TP309857M

CPSF2 (NM_017437) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cleavage and polyadenylation specific factor 2, 100kDa (CPSF2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209857 protein sequence Red =Cloning site Green =Tags(s)

MTSIIKLTTLSGVQEEALCYLLQVDEFRLFLLDCGWDEHFMSMDIISLRKXVHQIDAVLLSHPDPLHLGA
LPYAVGKGLNCAIYATIPVYKMGQMFMYDLYQSRHNTEDFTLFTLDDVDAADFQIQLKFSQIVNLKGG
GHGLSITPLPAGHMIGGTIWKIVKDGEEIVYAVDFNHKREIHLNGCSLEMLSRPSLLITDSFNATYVQP
RRKQRDEQLLTNVLETLRGDGNVLIADVDTAGRVLELAQLLDQIWRTKDAGLGVYSLALLNNVSYNVVEFS
KSQVEWMSGKLMRCFEDKRNNPFQFRHLSLCHGLSDLARVSPKVVLASQPDLECGFSRDLFIQWCQDPK
NSIILTYRTPGTLARFLIDNPSEKITEIELRKRKLEGELEEYLEKEKLKKEAAKLEQSKEADIDSS
DESDIEEDIDQPSAHKTKHDLMMKGEGRKGSFFKQAKSYMFPAPERIKWDEYGEIIPEDFLVPEL
QATEEEKSKLESGLTNGDEPMDQDLSDVPTKCIESTESIEIKARVYIDYEGRSDDGSIKKIINQMKPRQ
LIIVHGPPEASQDLAECRAFGGKDIKVYMPKLHETVDATSETHYQVRLKDSLVSLLQFCKAKDAELAW
IDGVLDMRVSKVDTGVILEEGELRDDGEDSEMQVEAPSDSSVIAQQKAMKSLFGDDEKETGESEIIPTL
EPLPPHEVPGHQSVFMNEPRLSDFKQVLLREGIQAEFVGGVLCNNQVAVRRTETGRIGLEGCLCQDFYR
IRDLLYEQYAIV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

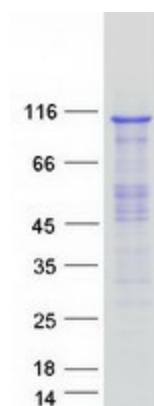
Tag:	C-Myc/DDK
Predicted MW:	88.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_059133
Locus ID:	53981
UniProt ID:	Q9P2I0 , A0A024R6H0
RefSeq Size:	5072
Cytogenetics:	14q32.12
RefSeq ORF:	2346
Synonyms:	CPSF100
Summary:	Component of the cleavage and polyadenylation specificity factor (CPSF) complex that play a key role in pre-mRNA 3'-end formation, recognizing the AAUAAA signal sequence and interacting with poly(A) polymerase and other factors to bring about cleavage and poly(A) addition. Involved in the histone 3' end pre-mRNA processing.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CPSF2 protein (Cat# [TP309857]). The protein was produced from HEK293T cells transfected with CPSF2 cDNA clone (Cat# [RC209857]) using MegaTran 2.0 (Cat# [TT210002]).