

## Product datasheet for **TP309857L**

### 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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209857 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTSIIKLTTLSGVQEEALCYLLQVDEFRLLDCGWDEHFMSMDIISLRKXVHQIDAVLLSHPDPLHLGA  
LPYAVGKGLNCAIYATIPVYKMGQMFMYDLYQSRHNTEDFTLFTLDDVDAAFDKIQLKFSQIVNLKGG  
GHGLSITPLPAGHMIGGTIWKIVKDGEEIVYAVDFNHKREIHLNGCSLEMLSRPSLLITDSFNATYVQP  
RRKQRDEQLLTNVLETLRGDGNVLIADVDTAGRVLELAQLLDQIWRTKDAGLGVYSLALLNNVSYNVVEFS  
KSQVEWMSGKLMRCFEDKRNPFQFRHLSLCHGLSDLARVSPKVVLASQPDLECGFSRDLFIQWCQDPK  
NSIILTYRTPGTLARFLIDNPSEKITEIELRKRKLEGELEEYLEKEKLKKEAAKLEQSKEADIDSS  
DESDIEEDIDQPSAHKTKHDLMMKGEGRKGSFFKQAKKSYPMFPAPEERIKWDEYGEIIPEDFLVPEL  
QATEEEKSKLESGLTNGDEPMDQDLSDVPTKCIESTESIEIKARVYIDYEGRSDDGDSIKKIINQMKPRQ  
LIIVHGPPEASQDLAECRAFGGKDIKVYMPKLHETVDATSETHYQVRLKDSLVSLLQFCKAKDAELAW  
IDGVLDMRVSKVDTGVILEEGELRDDGEDSEMVEAPSDDSSVIAQQKAMKSLFGDDEKETGESEIIPTL  
EPLPPHEVPGHQSVFMNEPRLSDFKQVLLREGIQAQEFVGGVLCNNQVAVRRTETGRIGLEGCLCQDFYR  
IRDLLYEQYAI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

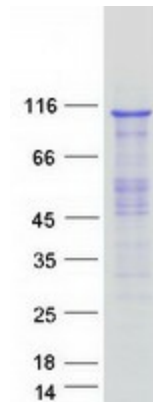
Tag:	C-Myc/DDK
Predicted MW:	88.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_059133</a>
<b>Locus ID:</b>	53981
<b>UniProt ID:</b>	<a href="#">Q9P2I0</a> , <a href="#">A0A024R6H0</a>
<b>RefSeq Size:</b>	5072
<b>Cytogenetics:</b>	14q32.12
<b>RefSeq ORF:</b>	2346
<b>Synonyms:</b>	CPSF100
<b>Summary:</b>	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]).