

## Product datasheet for **TP302127L**

### **CPSF7 (NM\_024811) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human pre-mRNA cleavage factor I, 59 kDa subunit (FLJ12529), transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC202127 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSEGVLDLIDYADEEFNQDPEFNNTDQIDLYDDVLTATSQPSDDRSSSTEPPPPVRQEPSPKPNKTPAI  
LYTYSGLRNRRAAVYVGSFSWWTTDQQLIQVIRSIGVYDVVELKFAENRANGQSKGYAEVVASENSVHK  
LLELLPGKVLNGEKVDVRPATRQNLSQFEAQARKRECVRVPRGGIPPAHRSRSDSSADGRATPSENLV  
SSARVDKPPSVLPYFNRPPSALPLMGLPPPIPPPPPLSSSFGVPPPPPGIHYQHLMPPPPRLPPLHVP  
PPGAIPPALHLNPAFFPPPNATVGPPPDYMKASAPYNHHGSRDSGPPPPSTVSEAEFEDIMKRNRAISS  
AISKAVSGASAGDYSDAIETLLTAIAVIKQSRVANDERCRLISSLKDCLHGIEAKSYSGVSGSSSRKR  
HRSRERSPSRSRESSRRHDLHNEHRDDYFQERNREHERHRDRERDRHH

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 51.9 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.

**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.



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RefSeq: NP\_079087

Locus ID: 79869

UniProt ID: Q8N684

RefSeq Size: 3764

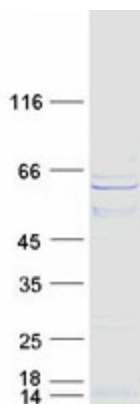
Cytogenetics: 11q12.2

RefSeq ORF: 1413

Synonyms: CFIm59

**Summary:** Cleavage factor Im (CFIm) is one of six factors necessary for correct cleavage and polyadenylation of pre-mRNAs. CFIm is composed of three different subunits of 25, 59, and 68 kDa, and it functions as a heterotetramer, with a dimer of the 25 kDa subunit binding to two of the 59 or 68 kDa subunits. The protein encoded by this gene represents the 59 kDa subunit, which can interact with the splicing factor U2 snRNP Auxiliary Factor (U2AF) 65 to link the splicing and polyadenylation complexes. [provided by RefSeq, Oct 2016]

## Product images:



Coomassie blue staining of purified CPSF7 protein (Cat# [TP302127]). The protein was produced from HEK293T cells transfected with CPSF7 cDNA clone (Cat# [RC202127]) using MegaTran 2.0 (Cat# [TT210002]).