

Recombinant Human CPSF7 Protein, GST-tagged

Cat. No. CPSF7-4238H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ12529 full-length ORF (NP_079087.2, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	78.4 kDa
AA Sequence	MSEGVDLIDIYADEEFNQDPEFNNTDQIDLYDDVLTATSQPSDDRSSSTEPPPPVRQ EPSPKPNKTPAILYTYSGLRNRRAAVYVGSFSWWTTDQQLIQVIRSIGVYDVVELK FAENRANGQSKGYAEVVVASENSVHKLELLPGKVLNGEKVDVRPATRQNLSQFEA QARKRECVRVPRGGIPRAHSRDSSDSADGRATPSENLPSSARVDKPPSVLPYFN RPPSALPLMGLPPPPIPPPPLSSSFGVPPPPPGIHYQHLMPPPPRLPPHLAVPPPG AIPPALHLNPAFFPPPNATVGPPPD TYMKASAPYNHHGSRDSGPPPSTVSEAEFEDI MKRNRAISSSAISKAVSGASAGDYSDAIETLLTAIAVIKQSRVANDERCRVLISSLKDC

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	LHGIEAKSYSVGASGSSSRKRHRSRERSPSRSRESSRRHRDLLHNEDRHDDYFQE RNREHERHRDRERDRHH
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	CPSF7 cleavage and polyadenylation specific factor 7 [Homo sapiens (human)]
Official Symbol	CPSF7
Synonyms	CPSF7; cleavage and polyadenylation specific factor 7; CFIm59; cleavage and polyadenylation specificity factor subunit 7; CPSF 59 kDa subunit; cleavage and polyadenylation specificity factor 59 kDa subunit; cleavage factor Im complex 59 kDa subunit; pre-mRNA cleavage factor I, 59 kDa subunit; pre-mRNA cleavage factor Im 59 kDa subunit
Gene ID	79869
mRNA Refseq	NM_001136040
Protein Refseq	NP_001129512

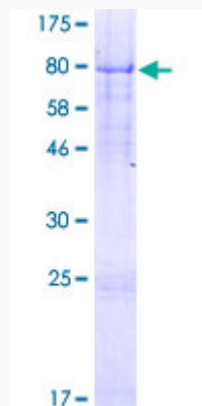
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UniProt ID

Q8N684

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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