

Recombinant Full Length Human CPSF7 Protein, GST-tagged

Cat. No. CPSF7-4856HF **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	In Vitro Cell Free System
ProteinLength	471 amino acids
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 EPSPKPNNKTPAILYTYSGLRNRRRAAVYVGSFSWWTTDQQLIQVIRSIGVYDVVELK FAENRANGQSKGYAEVVVASENSVHKLELLPGKVLNGEKVDVRPATRQNLSQFEA QARKRECVRVPRGGIPRAHSRDSSDSADGRATPSENLPSSARVDKPPSVLPYFN RPPSALPLMGLPPPPIPPPPLSSSFGVPPPPPGIHYQHLMPPPPRLPPHLAVPPPG AIPPALHLNPAFFPPPNATVGPPPD TYMKASAPYNHHGSRDSGPPPPSTVSEAEFEDI

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MKRNRAISSSAISKAVSGASAGDYSDAIETLLTAIAVIKQSRVANDERCRVLISSLKDC
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

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Protein Refseq	NP_001129512
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UniProt ID	Q8N684
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