Recombinant Human CPSF6 protein, GST-tagged

Cat. No. CPSF6-1849H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPSF6(1 a.a. - 478 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-478 a.a.
Description	The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. The cleavage factor complex is composed of four polypeptides. This gene encodes the 68kD subunit. It has a domain organization reminiscent of spliceosomal proteins.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	78.7 kDa
AA Sequence	MADGVDHIDIYADVGEEFNQEAEYGGHDQIDLYDDVISPSANNGDAPEDRDYMDTL PPTVGDDVGKGAAPNVVYT YTGKRIALYIGNLTWWTTDEDLTEAVHSLGVNDILEIK FFENRANGQSKGFALVGVGSEASSKKLMDLLPKRELH GQNPVVTPCNKQFLSQFE MQSRKTTQSGQMSGEGKAGPPLAGPPNRGDRPPPPVLFPGQPFGQPPLGPLPPG PPP PVPGYGPPPGPPPPQQGPPPPPGPFPPRPPGPLGPPLTLAPPPHLPGPPPGA

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	PPPAPHVNPAFFPPPTNSGMPTS DSRGPPPTDPYGRPPPYDRGDYGPPGREMDT ARTPLSEAEFEEIMNRNRAISSSAISRAVSDASAGDYGSAIETL VTAISLIKQSKVSAD DRCKVLISSLQDCLHGIESKSYGSGSRRERSRERDHSRSREKSRRHKSRSRDRHD DYYRE RSRERERHRDRDRDRDRERDREREYRHR
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.

GENE INFORMATION

Gene Name	CPSF6 cleavage and polyadenylation specific factor 6, 68kDa [Homo sapiens]
Official Symbol	CPSF6
Synonyms	CPSF6; cleavage and polyadenylation specific factor 6, 68kDa; cleavage and polyadenylation specific factor 6, 68kD subunit; cleavage and polyadenylation specificity factor subunit 6; CFIM; CFIM68; HPBRII 4; HPBRII 7; protein HPBRII-4/7; CPSF 68 kDa subunit; pre-mRNA cleavage factor Im (68kD); pre-mRNA cleavage factor I, 68kD subunit; pre-mRNA cleavage factor Im 68 kDa subunit; cleavage and polyadenylation specificity factor 68 kDa subunit; HPBRII-4; HPBRII-7;
Gene ID	11052
mRNA Refseq	NM_007007
Protein Refseq	NP_008938

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MIM	604979
UniProt ID	Q16630
Chromosome Location	12q15
Pathway	mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem;
Function	contributes_to RNA binding; mRNA binding; nucleotide binding; protein binding;

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