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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CPSF4 (Human) Recombinant Protein (P01)

Catalog Number: H00010898-P01

Regulation Status: For research use only (RUO)

Product Description: Human CPSF4 full-length ORF (AAH03101, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MQEIIASVDHIKFDLEIAVEQQLGAQPLPFPGMDSKGA
AVCEFFLKAACGKGMCPFRHISGEKTVVCKHWLRGL
CKKGDQCEFLHEYDMTKMPECYFYSKFGECSNKECP
FLHIDPESKIKDCPWYDRGFCKHGPLCRHRHRRVICV
NYLVGFCPEGPSCKFMHPRFELPMGTTEQPPLPQQT
QPPAKQRTPQVIGVMQSQNSSAGNRGPRPLEQVTCY
KCGEKGHYANRCTKGHLAFLSGQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 52.58

Interspecies Antigen Sequence: Mouse (85); Rat (98)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10898

Gene Symbol: CPSF4

Gene Alias: CPSF30, NAR, NEB1

Gene Summary: Inhibition of the nuclear export of poly(A)-containing mRNAs caused by the influenza A virus NS1 protein requires its effector domain. The NS1 effector domain functionally interacts with the cellular 30 kDa subunit of cleavage and polyadenylation specific factor 4, an essential component of the 3' end processing machinery of cellular pre-mRNAs. In influenza virus-infected cells, the NS1 protein is physically associated with cleavage and polyadenylation specific factor 4, 30kD subunit. Binding of the NS1 protein to the 30 kDa protein in vitro prevents CPSF binding to the RNA substrate and inhibits 3' end cleavage and polyadenylation of host pre-mRNAs. Thus the NS1 protein selectively inhibits the nuclear export of cellular, and not viral, mRNAs. Multiple alternatively spliced transcript variants that encode different isoforms have been described for this gene. [provided by RefSeq]