

Datasheet for ABIN1098798

CPSF4 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CPSF4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPSF4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purity:	> 85 % by SDS - PAGE
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Target Details

Target:	CPSF4
Alternative Name:	CPSF4 (CPSF4 Products)
Background:	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 CPSF4 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. Recombinant human CPSF4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Target Details

Molecular Weight:	29.9 kDa (267aa)
NCBI Accession:	NP_001075028

Application Details

Comment:	Synonyms: cleavage and polyadenylation specific factor 4, 30kDa, CPSF30, NAR, NEB1
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M UREA, 10% glycerol
Storage:	4 °C
Storage Comment:	Avoid repeated freezing and thawing cycles.

Images

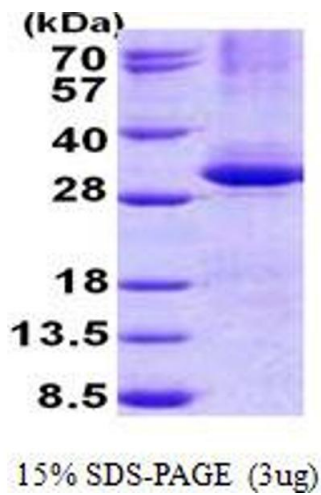


Image 1.