

CPSF4 抗原（重组蛋白）

中文名称： CPSF4 抗原（重组蛋白）

英文名称： CPSF4 Antigen (Recombinant Protein)

别名： NAR; NEB1; CPSF30

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 1-244 amino acids of human CPSF4

技术规格：

Full name:	cleavage and polyadenylation specific factor 4, 30kDa
Synonyms:	NAR; NEB1; CPSF30
Swissprot:	O95639
Gene Accession:	BC003101
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 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.