

Datasheet for ABIN7546693

CPSF4 Protein (AA 1-269) (His tag)



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Overview

Quantity:	1 mg
Target:	CPSF4
Protein Characteristics:	AA 1-269
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPSF4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CPSF4 Protein expressed in mammalian cells.
Sequence:	<p>MQEIIASVDH IKFDLEIAVE QQLGAQPLPF PGMDKSGAAV CEFFLKAACG KGGMCPPFRHI</p> <p>SGEKTIVCKH WLRGLCKKGD QCEFLHEYDM TKMPECYFYS KFGECNKEC PFLHIDPESK</p> <p>IKDCPWYDRG FCKHGPLCRH RHTRRVICVN YLVGFCPEGP SCKFMHPRFE LPMGTTEQPP</p> <p>LPQQTQPPAK QSNNPPLQRS SSLIQLTSQN SSPNQQRTPQ VIGVMQSQNS SAGNRGPRPL</p> <p>EQVTCYKCGE KGHYANRCKT GHLAFLSGQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CPSF4
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Alternative Name:	CPSF4 (CPSF4 Products)
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Background:	Cleavage and polyadenylation specificity factor subunit 4 (Cleavage and polyadenylation specificity factor 30 kDa subunit) (CPSF 30 kDa subunit) (NS1 effector domain-binding protein 1) (Neb-1) (No arches homolog),FUNCTION: Component of the cleavage and polyadenylation specificity factor (CPSF) complex that play a key role in pre-mRNA 3'-end formation, recognizing the AAUAAA signal sequence and interacting with poly(A) polymerase and other factors to bring about cleavage and poly(A) addition. CPSF4 binds RNA polymers with a preference for poly(U). {ECO:0000269 PubMed:14749727, ECO:0000269 PubMed:9224719}.
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Molecular Weight:	30.3 kDa
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UniProt:	O95639
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months