

Datasheet for ABIN7553546
CPSF2 Protein (AA 1-782) (His tag)



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Overview

Quantity:	1 mg
Target:	CPSF2
Protein Characteristics:	AA 1-782
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPSF2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CPSF2 Protein expressed in mammalian cells.
Sequence:	MTSIIKLTTL SGVQEEALC YLLQVDEFRR LLDCGWDEHF SMDIIDSLRK HVHQIDAVLL SHPDPLHLGA LPYAVGKLGL NCAIYATIPV YKMGQMFMVD LYQSRHNTED FTLFTLDDVD AAFDKIQLK FSQIVNLKGG GHGLSITPLP AGHMIGGTIW KIVKDGEELI VYAVDFNHRK EIHLNGCSLE MLSPRLIT DSNATYVQP RRRQRDEQLL TNVLETLRGD GNVLIADVTA GRVLELAQLL DQIWRTKDAG LGVYSLALLN NVSYNVVEFS KSQVEWMSDK LMRCFEDKRN NPFQFRHLSL CHGLSDLARV PSPKWLASQ PDLECGFSRD LFIQWCQDPK NSIILTYRRT PGTLARFLID NPSEKITEIE LRKRVKLEGK ELEEYLEKEK LKKEAAKLE QSKEADIDSS DESDIEEDID QPSAHKTKHD LMMKGEGRK GSFFKQAKKS YPMFPAPER IKWDEYGEII KPEDFLVPEL QATEEEKSKL ESGLTNGDEP MDQDLSDVPT KCISTTESIE IKARVTYIDY EGRSDGDSIK KIINQMKPRQ LIIVHGPPEA SQDLAECCRA FGGKDIKVYM PKLHETVDAT SETHIQVRL KDSLVSLLQF CKAKDAELAW IDGVLDMRVS KVDTGVIIEE GELKDDGEDS EMQVEAPSDS SVIAQQKAMK SLFGDDEKET GEESEIPTL EPLPPHEVPG HQSVFMNEPR LSDFKQVLLR

Product Details

EGIQAEFVGG VLVCNNQVAV RRTETGRIGL EGCLCQDFYR IRDLLYEQYA IV **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CPSF2

Alternative Name: CPSF2 ([CPSF2 Products](#))

Background: Cleavage and polyadenylation specificity factor subunit 2 (Cleavage and polyadenylation specificity factor 100 kDa subunit) (CPSF 100 kDa subunit),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. Involved in the histone 3' end pre-mRNA processing. {ECO:0000269|PubMed:14749727, ECO:0000269|PubMed:18688255}.

Target Details

Molecular Weight: 88.5 kDa

UniProt: [Q9P2I0](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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