Cleavage and Polyadenylation Specificity Factor Subunit 2 (CPSF2) ELISA Kit for Monkey

PRODUCT OVERVIEW

Product Name	Cleavage and polyadenylation specificity factor subunit 2 (CPSF2), ELISA Kit
Full Product Name	Monkey Cleavage and polyadenylation specificity factor subunit 2 (CPSF2) ELISA Kit
Product Gene Name	CPSF2 elisa kit
Species Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	88,487 Da
OMIM	606028
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
Product Categories/Family for CPSF2 elisa kit	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for CPSF2 elisa kit	MBS7252385 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cleavage and polyadenylation specificity factor subunit 2 (CPSF2) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CPSF2. The ELISA analytical biochemical technique of the MBS7252385 kit is based on CPSF2 antibody-CPSF2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CPSF2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CPSF2. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CPSF2 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPSF2. It may not necessarily be applicable to this product.

NCBI GI #	34101288
NCBI GeneID	53981
NCBI Accession #	NP_059133.1
UniProt Secondary Accession #	Q6NSJ1; Q9H3W7; B3KME1
UniProt Related Accession #	Q9P2I0
GenBank Nucleotide #	NM_017437.2
NCBI Official Full Name	cleavage and polyadenylation specificity factor subunit 2
NCBI Official Synonym Full Names	cleavage and polyadenylation specific factor 2, 100kDa

NCBI Official Symbol	CPSF2
NCBI Official Synonym Symbols	CPSF100
UniProt Protein Name	Cleavage and polyadenylation specificity factor subunit 2
UniProt Synonym Protein Names	Cleavage and polyadenylation specificity factor 100 kDa subunit; CPSF 100 kDa subunit
UniProt Gene Name	CPSF2
UniProt Synonym Gene Names	CPSF100; KIAA1367; CPSF 100 kDa subunit
UniProt Entry Name	CPSF2_HUMAN
NCBI Protein Information	cleavage and polyadenylation specificity factor subunit 2; CPSF 100kDa subunit; CPSF 100 kDa subunit; cleavage and polyadenylation specificity factor 100 kDa subunit
UniProt Comments for CPSF2	CPSF2: 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. Belongs to the metallo-beta-lactamase superfamily. RNA-metabolizing metallo-beta-lactamase-like family. CPSF2/YSH1 subfamily. Protein type: RNA splicing Chromosomal Location of Human Ortholog: 14q31.1 Cellular Component: nucleoplasm; membrane; mRNA cleavage and polyadenylation specificity factor complex Molecular Function: protein binding; RNA binding Biological Process: transcription from RNA polymerase II promoter; nuclear mRNA splicing, via spliceosome; mRNA export from nucleus; RNA splicing; gene expression; histone mRNA 3'-end processing; mRNA polyadenylation; mRNA 3'-end processing; termination of RNA polymerase II transcription; mRNA cleavage
Research Articles on CPSF2	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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