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Product datasheet

Recombinant Human C1D protein ab156979

1 Image

Description

Product name	Recombinant Human C1D protein
Purity	> 85 % SDS-PAGE. ab156979 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q13901
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAGEEIN EDYPVEIHEY LSAFENSIGA VDEMLKTMMS VSRNELLQKL DPLEQAKVDL VSAYTLNSMF WVYLATQGVN PKEHPVKQEL ERIRVYMNRV KEITDKKKAG KLDRGAASRF VKNALWEPKS KNASKVANKG KSKS
Predicted molecular weight	18 kDa including tags
Amino acids	1 to 141
Tags	His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab156979** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

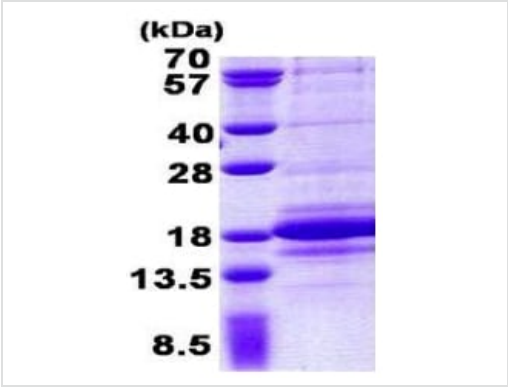
80°C. Avoid freeze / thaw cycle.

pH: 8.00
Constituents: 0.03% DTT, 0.32% Tris HCl, 50% Glycerol, 1.17% Sodium chloride

General Info

Function	Plays a role in the recruitment of the RNA exosome complex to pre-rRNA to mediate the 3'-5' end processing of the 5.8S rRNA; this function may include MPHOSPH6. Can activate PRKDC not only in the presence of linear DNA but also in the presence of supercoiled DNA. Can induce apoptosis in a p53/TP53 dependent manner. May regulate the TRAX/TSN complex formation. Potentiates transcriptional repression by NR1D1 and THRB.
Tissue specificity	Ubiquitous. Expressed at very high levels in the hippocampus, medulla oblongata, mammary gland, thyroid and salivary gland. Expressed at high levels in the fetal; lung, liver and kidney. Expressed at low levels in skeletal muscle, appendix, heart, lung and colon.
Sequence similarities	Belongs to the C1D family.
Post-translational modifications	Phosphorylated by PRKDC.
Cellular localization	Cytoplasm. Nucleus > nucleolus. EXOSC10 is required for nucleolar localization.

Images



SDS-PAGE - Recombinant Human C1D protein (ab156979)

15% SDS-PAGE analysis of ab156979 (3µg).

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- We investigate all quality concerns to ensure our products perform to the highest standards

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