

Product datasheet

Recombinant Human C20orf77 protein ab202606

1 Image

Description

Product name	Recombinant Human C20orf77 protein	
Purity	> 90 % SDS-PAGE. ab202606 was purified using conventional chromatography techniques..	
Expression system	Escherichia coli	
Accession	Q9NQG5	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMSSFSESALEKKLSE LSNSQQSVQTLS LWLIHHRKHAGPIVSVWHRELKAKSNRKLTFLYLANDVIQ NSKRKGPEF TREFESVLVDAFVAREADEGCKKPLERLLNIWQERSV YGGEFIQQLK SMEDSKSPPPKATEEKSLKRTFQQIQEEEDDDYPGSYS PQDPSAGPLLT EELIKALQDLENAASGDATVRQKIASLPQEVQDVSLEKIT DKEAAERLS KTVDEACLLLAEYNGRLAAELEDRRQLARMLVEYTONQK DVLSEKEKKLE EYKQKLARVTQVRKELKSHIQSLPDLSELLPNVTGGLAPLP SAGDLFSTD	
Predicted molecular weight	39 kDa including tags	
Amino acids	1 to 326	
Tags	His tag N-Terminus	
Additional sequence information	NP_067038.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab202606** 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

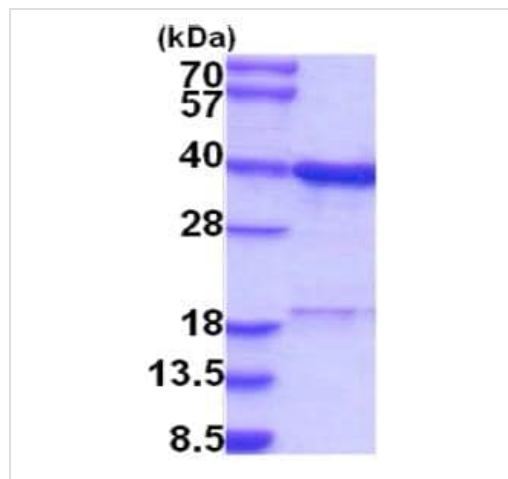
Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 20% Glycerol, 79% PBS, 0.02% DTT
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General Info

Relevance	C20orf77 interacts with the phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit POLR2A, and participates in dephosphorylation of the CTD. It is a transcriptional regulator which enhances expression of CCND1. It promotes binding of RNA polymerase II to the CCDN1 promoter and to the termination region before the poly-A site but decreases its binding after the poly-A site. It also reverts RNA polymerase II from reading through the 3' end termination site and may allow it to be recruited back to the promoter through promotion of the formation of a chromatin loop. Also enhances the transcription of a number of other cell cycle-related genes including CDK2, CDK4, CDK6 and cyclin-E but not CDKN1A, CDKN1B or cyclin-A. Promotes cell proliferation.
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Cellular localization	Nuclear
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Images



15% SDS-PAGE analysis of ab202606 (3 µg).

SDS-PAGE - Recombinant Human C20orf77 protein
(ab202606)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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