

Product datasheet for PH309407

C2ORF29 (CNOT11) (NM_017546) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C2orf29 MS Standard C13 and N15-labeled recombinant protein (NP_060016)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209407
Predicted MW:	55.2 kDa
Protein Sequence:	>RC209407 protein sequence Red=Cloning site Green=Tags(s)

MPGGGASAAAGRLLTAAEQRGSREAAGSASRSFGSGGGRRGGASGPGSGSGGPGGPAGRMSLTPKELSS
LLSIIIEEAGGGSTFEGLSTAFHHYFSKADHFRLGSQLVLLQQPDLLPSAAQRLTALYLLWEMYRTEPL
AANPFAASFHLLNPAPPARGGQEPDRPPLSGFLPPITPPEKFFLSQLMLAPPRELFKKTTPRQIALMDVG
NMGQSVDISGLQLALAERQSELPTQSKASFPSILSDPDSSNSGFDSSVASQITEALVSGPKPIESHF
RPEFIRPPPLHICEDELAWNPTDPDHAIQWDKSMCVKNSTGVEIKRIMAKAFKSPLSSPQQTQLLDEL
EKDPKLVYHIGLTPAKLPDLVNNPLVAIEMLLKLMQSSQITEYFVSVLVNMDMSLHSMVVNRLTTAVDL
PPEFIHLYISNCISTCEQIKDKYMQNRLVRLVCVFLQSLIRNKIINVQDLFIEVQAFCIIEFSRIREAAGL
FRLLKTLDTGETPSETEMSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_060016</u>
RefSeq Size:	2544
RefSeq ORF:	1530



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Synonyms: C2orf29; C40

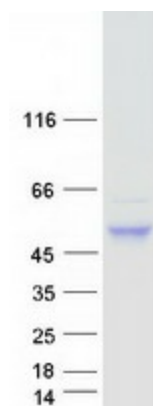
Locus ID: 55571

UniProt ID: [Q9UKZ1](#)

Cytogenetics: 2q11.2

Summary: Component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Is required for the association of CNOT10 with the CCR4-NOT complex. Seems not to be required for complex deadenylase function.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CNOT11 protein (Cat# [TP309407]). The protein was produced from HEK293T cells transfected with CNOT11 cDNA clone (Cat# [RC209407]) using MegaTran 2.0 (Cat# [TT210002]).