

## Product datasheet for **TP309407M**

### **C2ORF29 (CNOT11) (NM\_017546) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human chromosome 2 open reading frame 29 (C2orf29), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone** >RC209407 protein sequence

**or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MPGGGASAASGRLLTAAEQRGSREAAGSASRSGFGGSGGGRGGASGPGSGSGGPGGPAGRMSLTPKELSS  
LLSIIEEAGGGSTFEGLSTAFHHYFSKADHFRLGSLVLMMLLQQPDLLPSAAQRLTALYLLWEMYRTEPL  
AANPFAASFAHLLNPAPPARGGQEPDRPPLSGFLPPITPPEKFFLSQLMLAPPRELFKKTQRQIALMDVG  
NMGQSVDISGLQLALAERQSELPTQSKASFPSILSDPDPDSSNSGFDSSVASQITEALVSGPKPIESHF  
RPEFIRPPPPLHICEDELAWLNPTDPDHAIQWDKSMCVKNSTGVEIKRIMAKAFKSPLSSPQQTQLLGEL  
EKDPKLVYHIGLTPAKLPDLVENNPLVAIEMLLKLMQSSQITEYFSLVNMDSLHSMDEVNRLTTAVDL  
PPEFIHLYISNCISTCEQIKDKYMQNRLVRLVCVFLQSLIRNKIINVQDLFIEVQAFICIEFSRIRAAAGL  
FRLLKTLDTGETPSETEMSK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 55 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_060016](#)

Locus ID: 55571

UniProt ID: [Q9UKZ1](#)

RefSeq Size: 2544

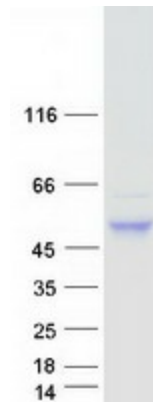
Cytogenetics: 2q11.2

RefSeq ORF: 1530

Synonyms: C2orf29; C40

**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]).