

## Product datasheet for **TP302696M**

### CRSP9 (MED7) (NM\_004270) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mediator complex subunit 7 (MED7), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC202696 representing NM_004270
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGEPQQVSALPPPPMQYIKEYTDENIQEGLAPKPPPPKDSYMMFGNQFQCDDLIIRPLESQGIERLHPM  
QFDHKKELRKLNMSILINFLDLLDILIRSPGSIKREEKLEDLKLFFVHVHHLINERYRPHQARETLRVMME  
VQKRQRLETAERFQKHLERVIEMIQNCLASLPDDLPHSEAGMRVKTEPMDADDSNNCTGQNEHQRENSGH  
RRDQIIEKDAALCVLIDEMNERP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	27.1 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.
RefSeq:	<u>NP_004261</u>
Locus ID:	9443
UniProt ID:	<u>O43513, Q6IAZ5</u>



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RefSeq Size: 1066

Cytogenetics: 5q33.3

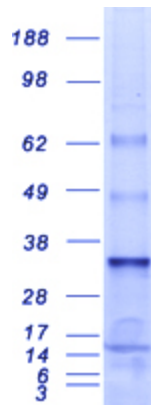
RefSeq ORF: 699

Synonyms: ARC34; CRSP9; CRSP33

**Summary:** The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified MED7 protein (Cat# [TP302696]). The protein was produced from HEK293T cells transfected with MED7 cDNA clone (Cat# [RC202696]) using MegaTran 2.0 (Cat# [TT210002]).