

## Product datasheet for **TP305492M**

### ZCRB1 (NM\_033114) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger CCHC-type and RNA binding motif 1 (ZCRB1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205492 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSGGLAPSKSTVYVSNLPFSLTNNLDYRIFSKYGVKVKVTIMKDKDTRKSKGVAFILFLDKDSAQNCTRA  
INNKLQFGRVIKASIAIDNGRAAEFIRRRNYFDKSKCYECGESGHLASYACPNMLGEREPQKKKEKKKKK  
KAPEPEEEIEVEESEDEGEDPALDLSQAIAFQQAIEEEQKKWKPSSGVPSTSDSRRPRIKKSTYFS  
DEEELSD

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	24.4 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><a href="#">NP_149105</a></u>
Locus ID:	85437



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UniProt ID: [Q8TBF4](#), [A0A024R106](#)

RefSeq Size: 1844

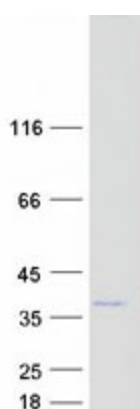
Cytogenetics: 12q12

RefSeq ORF: 651

Synonyms: MADP-1; MADP1; RBM36; SNRNP31; ZCCHC19

**Summary:** Pre-mRNA splicing is catalyzed by the spliceosome. U12-type spliceosome binds U12-type pre-mRNAs and recognizes the 5' splice site and branch-point sequence. U11 and U12 snRNPs are components of U12-type spliceosome and function as a molecular bridge connecting both ends of the intron. The protein encoded by this gene contains a RNA recognition motif. It was identified as one of the protein components of U11/U12 snRNPs. This protein and many other U11/U12 snRNP proteins are highly conserved in organisms known to contain U12-type introns. These proteins have been shown to be essential for cell viability, suggesting the key roles in U12-type splicing. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified ZCRB1 protein (Cat# [TP305492]). The protein was produced from HEK293T cells transfected with ZCRB1 cDNA clone (Cat# [RC205492]) using MegaTran 2.0 (Cat# [TT210002]).