

Product datasheet for PH305492

ZCRB1 (NM_033114) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZCRB1 MS Standard C13 and N15-labeled recombinant protein (NP_149105)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205492
Predicted MW:	24.6 kDa
Protein Sequence:	>RC205492 protein sequence Red=Cloning site Green=Tags(s) MSGGLAPSKSTVYVSNL PFSLTNNDLYRIFSKYGVVKTIMKDKDTRKSKGVAFILFLDKDSAQNCTRA INNKLFGRVIKASIAIDNGRAAEFIRRRNYFDKSKCYECGESHLSYACPKNMLGEREPQKKKEKKKK KAPEPEEEIEEVEESEDEGEDPALDSLQAI AFQQA KIEEEQKKWKPSSGVPSTSDSRRPRIKKSTYFS DEEELSD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_149105
RefSeq Size:	1844
RefSeq ORF:	651
Synonyms:	MADP-1; MADP1; RBM36; SNRNP31; ZCCHC19
Locus ID:	85437
UniProt ID:	Q8TBF4 , A0A024R106

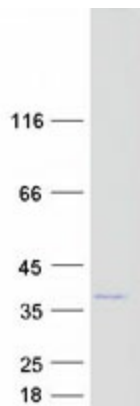


[View online »](#)

Cytogenetics: 12q12

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]).