

Product datasheet for PH302696

CRSP9 (MED7) (NM_004270) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MED7 MS Standard C13 and N15-labeled recombinant protein (NP_004261)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202696
Predicted MW:	27.1 kDa
Protein Sequence:	>RC202696 representing NM_004270 Red=Cloning site Green=Tags(s) MGEPQQVSALPPPPMQYIKEYTDENIQEGLAPKPPPIKDSYMMFGNQFQCDDLIIIRPLESQGIERLHPM QFDHKKELRKLNMSILINFLDLLDILIRSPGSIKREEKLEDLKLFLVHVHHLINERYPHQARETLRVMME VQKRQRLETAERFQKHLERVIEMIQNCLASLPDDLPHSEAGMRVKTEPMDADDSNCTGQNEHQRENSGH RRDQIIIEKDAALCVLIDEMNERP 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_004261
RefSeq Size:	1066
RefSeq ORF:	699
Synonyms:	ARC34; CRSP9; CRSP33
Locus ID:	9443
UniProt ID:	O43513 , Q6IAZ5



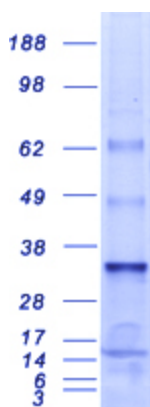
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Cytogenetics: 5q33.3

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]).