

Product datasheet for **AR50522PU-S**

MED7 (1-233, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MED7 (1-233, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGEPQQV SALPPPPMQY IKEYTDENIQ EGLAPKPPPP IKDSYMMFGN QFQCDDLIR PLESQIERL HPMQFDHKKE LRKLNMSILI NFLDLLDILI RSPGSIKREE KLEDLKLLFV HVHHLINERY PHQARETLRV MMEVQKRQRL ETAERFQKHL ERVIEMIQNC LASLPDDLPH SEAGMRVKTE PMDADDSNNC TGQNEHQREN SGHRRDQIIE KDAALCVLID EMNERP
Tag:	His-tag
Predicted MW:	29.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MED7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001094286
Locus ID:	9443
UniProt ID:	O43513 , Q6IAZ5
Cytogenetics:	5q33.3
Synonyms:	ARC34; CRSP9; CRSP33



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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: