

**ZMAT3, 1-289aa, Human, His tag, E.coli**

**Cat.NO.: TP04536**

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3th Edition

**Synonyms:**Zinc finger matrin-type protein 3, PAG608, WIG-1, WIG1

**Description:**ZMAT3 is a protein containing three zinc finger domains and a nuclear localization signal. The mRNA and the protein of this gene are upregulated by wildtype p53 and overexpression of this gene inhibits tumor cell growth, suggesting that this gene may have a role in the p53-dependent growth regulatory pathway. Alternative splicing of this gene results in two transcript variants encoding two isoforms differing in only one amino acid. Recombinant human ZMAT3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

**Molecular Weight:**34.4 kDa (312aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMILLQHAVLPPPKQPSPSPPM SVATRSTGTLQLPPQKPFQGEASLPLAGEE  
ELSKGGEQDCALEELCKPLYCKLCNVTLNSAQQQAQAHYQGKNHGKLRNYAANSCPPPARMSNVVEPAATPVV  
PVPPQMGSFKPGGRVILATENDYCKLCDASFSSPAVAQAHYQGKNHAKRLRLAEAQSNFSSESSELGRRARKE  
GNEFKMMPNRRNMYTVQNN SAGPYFNPRSRQRIPRDLAMCVTPSGQFYCSMCNVGAGEEMEFRQHLESKQHKHS  
KVSEQR YRNEMENLGYV

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.