

Recombinant Human ZMAT3, His-tagged

Cat. No. ZMAT3-15896H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ZMAT3 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-289aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT
Molecular Mass	34.4 kDa (312aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMILLQHA VLPPPKQPSP SPPMSVATRS TGTLQLPPQK PFGQEASLPL AGEEELSKGG EQDCALEELC KPLYCKLCNV TLNSAQQQA HYQGKNHGKK LRNYAANSC PPPARMSNVV EPAATPVVPV PPQMGSFKPG GRVILATEND YCKLCDASF S PAVAQAHYQ GKNHAKRLRL

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AEAQSNSFSE SSELGQRRAR KEGNEFKMMP NRRNMYTVQN NSAGPYFNPR
SRQRIPRDLA MCVTPSGQFY CSMCNVGAGE EMEFRQHLES KQHKSJVSEQ
RYRNEMENLG YV

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [ZMAT3 zinc finger, matrin-type 3 \[Homo sapiens \]](#)

Official Symbol ZMAT3

Synonyms ZMAT3; zinc finger, matrin-type 3; zinc finger matrin-type protein 3; FLJ12296; MGC10613; PAG608; WIG 1; WIG1; WIG-1/PAG608 protein; zinc finger protein WIG1; zinc finger protein WIG-1; zinc finger, matrin type 3; p53 target zinc finger protein; p53-activated gene 608 protein; WIG-1; FLJ31683;

Gene ID [64393](#)

mRNA Refseq [NM_022470](#)

Protein Refseq [NP_071915](#)

MIM [606452](#)

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UniProt ID	Q9HA38
Chromosome Location	3q26.32
Pathway	p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;
Function	RNA binding; metal ion binding; zinc ion binding;

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