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## Product Data Sheet

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Product Name: ZMAT3 Human  
 Cat. No.: GP25044  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Zinc Finger Matrin-Type 3; Zinc Finger Protein WIG1; P53-Activated Gene 608 Protein; P53 Target Zinc Finger Protein; WIG1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMILLQHA VLPPPKQPSP SPPMSVATRS TGTLLQPPQK PFGQEASLPL AGEEELSKGG EQDCALEELC KPLYCKLCNV TLNSAQQAQA HYQGKNHGKK LRNYAANSC PPPARMSNVV EPAATPVVPV PPQMGSFKPG GRVILATEND YCKLCDASFS SPAVAQAHYQ GKNHAKRLRL AEAQNSNFSE SSELGQRRAR KEGNEFKMMP NRRNMYTVQN NSAGPYFNPR SRQRIPRDLA MCVTPSGQFY CSMCNVGAGE EMEFRQHLES KQHKSJVSEQ RYRNEMENLG YV		
Formulation	The ZMAT3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 50% glycerol.		

### Introduction

ZMAT3 is a protein with a nuclear localization signal and 3 zinc finger domains. The mRNA and the protein of this gene are upregulated by wildtype p53. When overexpressed, ZMAT3 can produce tumor cell growth, indicating that ZMAT3 takes part in the p53-dependent growth regulatory pathway. Alternative splicing of ZMAT3 produce two transcript variants encoding two isoforms differing in only one amino acid.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

### Background

ZMAT3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 312 amino acids (1-289) and having a molecular mass of 34.4kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA