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ZMAT3 Human

Zinc Finger, Matrin-Type 3 Human Recombinant
RCP2613

Product Overview

Name	ZMAT3 Human
Description	
Zinc Finger, Matrin-Type 3 Human Recombinant	
Accession (Primary)	Q9HA38
Synonyms	
Zinc Finger Matrin-Type 3, Zinc Finger Protein WIG1, P53-Activated Gene 608 Protein, P53 Target Zinc Finger Protein, WIG1.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The ZMAT3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 50% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MILLQHA VLPPPKQPSP SPPMSVATRS TGTLQLPPQK PFGQEASLPL AGEEELSKGG EQDCALEELC KPLYCKLCNV TLNSAQQAQA HYQGKNHGKK LRNYYAANSC PPPARMSNVV EPAATPVVPV PPQMGSFKPG GRVILATEND YCKLCDASFS SPAVAQAHYQ GKNHAKRLRL AEAQSNSFSE SSELGQRRAR KEGNEFKMMP NRRNMYTVQN NSAGPYFNPR SRQRIPRDLA MCVTPSGQFY CSMCNVGAGE	

EMEFRQHLES KQHKSKVSEQ RYRNEMENLG YV

Precautions

ZMAT3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9HA38)