Datasheet for ABIN6387258

ZMAT3 Protein (AA 1-289) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	ZMAT3
Protein Characteristics:	AA 1-289
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZMAT3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMILLQHA 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
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	ZMAT3
Alternative Name:	ZMAT3 (ZMAT3 Products)

Target Details

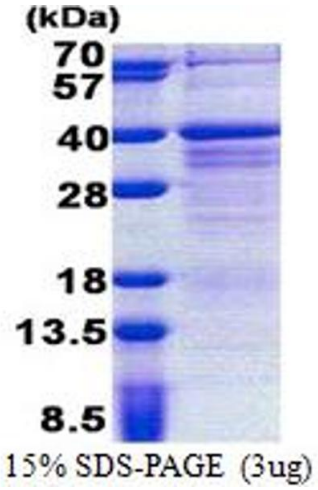
Background:	ZMAT3 is a protein containing three zinc finger domains and a nuclear localization signal. The mRNA and the protein of this gene are upregulated by wildtype p53 and overexpression of this gene inhibits tumor cell growth, suggesting that this gene may have a role in the p53-dependent growth 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.
Molecular Weight:	34.4 kDa (312aa) confirmed by MALDI-TOF
NCBI Accession:	NP_071915
UniProt:	Q9HA38

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50 % glycerol, 2 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.