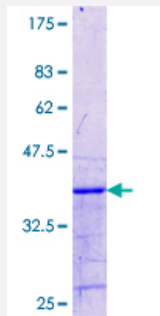


WIG1 (Human) Recombinant Protein (Q01)

Catalog # H00064393-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human WIG1 partial ORF (NP_071915.1, 131 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGSFKPGGRVILATENDYCKLCDASFSSPAVAQAHYQGKNHAKRLRLAEAQSNFSSESSELGQR RARKEGNEFKMMPNRRNMYTVQNNNSAGPYFNPRSRQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (86); Rat (87)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ZMAT3

Entrez GeneID [64393](#)

GeneBank Accession# [NM_022470](#)

Protein Accession# [NP_071915.1](#)

Gene Name ZMAT3

Gene Alias FLJ12296, MGC10613, PAG608, WIG-1, WIG1

Gene Description zinc finger, matrin type 3

Omim ID [606452](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes 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. [provided by RefSeq]

Other Designations WIG-1/PAG608 protein|p53 target zinc finger protein|zinc finger protein WIG1

Pathway

- [p53 signaling pathway](#)