

# Recombinant Full Length Human DAZAP1 Protein, GST-tagged

**Cat. No.** DAZAP1-2544HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DAZAP1 full-length ORF ( NP_061832.2, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 407 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | In mammals, the Y chromosome directs the development of the testes and plays an important role in spermatogenesis. A high percentage of infertile men have deletions that map to regions of the Y chromosome. The DAZ (deleted in azoospermia) gene cluster maps to the AZFc region of the Y chromosome and is deleted in many azoospermic and severely oligospermic men. It is thought that the DAZ gene cluster arose from the transposition, amplification, and pruning of the ancestral autosomal gene DAZL also involved in germ cell development and gametogenesis. This gene encodes a RNA-binding protein with two RNP motifs that was originally identified by its interaction with the infertility factors DAZ and DAZL. Two isoforms are encoded by transcript variants of this gene. [provided by RefSeq, Jul 2008] |
| <b>Molecular Mass</b>   | 69.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MNNSGADEIGKLFVGGGLDWSTTQETLRSYFSQYGEVDCVIMKDKTTNQSRGFGFV<br>KFKDPNCVGTVLASRPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGPRSDNSK<br>SNKIFVGGIPHNCGETELREYFKKFGVVTEVVMYDAEKQRPRGFGFITFEDEQSVD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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QAVNMHFHDIMGKKVEVKRAEPRDSKSQAPGQPGASQWGSRVVPNAANGWAGQ  
 PPPTWQQGYGPQGMWVPAGQAIGGYGPPPPAGRGAPPPPPFTSYIVSTPPGGFP  
 PPQGFPQGYGAPPQFSFGYGPPPPPPDQFAPPGVPPPPATPGAAPLAFFPPPSQA  
 APDMSKPPTAQPDFPYGQYAGYGQDLSGFGQGFSQPPSYGGPSVPGSGGP  
 PAGGSGFGRGQNHNVQGFHPYRR

**Applications**

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

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

DAZAP1 DAZ associated protein 1 [ Homo sapiens ]

**Official Symbol**

DAZAP1

**Synonyms**

DAZAP1; DAZ associated protein 1; DAZ-associated protein 1; deleted in azoospermia associated protein 1; MGC19907; deleted in azoospermia-associated protein 1;

**Gene ID**

26528

**mRNA Refseq**

NM\_018959

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|                |           |
|----------------|-----------|
| Protein Refseq | NP_061832 |
| MIM            | 607430    |
| UniProt ID     | Q96EP5    |

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