

Recombinant Full Length Human DAZAP1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human DAZAP1 full-length ORF (NP_061832.2, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	407 amino acids
Description	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]
Molecular Mass	69.8 kDa
AA Sequence	MNNSGADEIGKLFVGGGLDWSTTQETLRSYFSQYGEVDCVIMKDKTTNQRSRGFGFV KFKDPNCVGTVLASRPHTLDGRNIDPKPCTPRGMQPERTRPKEGWQKGPRSDNSK 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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