

Recombinant Human DAZL

Cat. No. DAZL-26122TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DAZL with proprietary tag .
Species	Human
Source	Wheat Germ
ProteinLength	296 amino acids
Description	The DAZ (Deleted in AZoospermia) gene family encodes potential RNA binding proteins that are expressed in prenatal and postnatal germ cells of males and females. The protein encoded by this gene is localized to the nucleus and cytoplasm of fetal germ cells and to the cytoplasm of developing oocytes. In the testis, this protein is localized to the nucleus of spermatogonia but relocates to the cytoplasm during meiosis where it persists in spermatids and spermatozoa. Transposition and amplification of this autosomal gene during primate evolution gave rise to the DAZ gene cluster on the Y chromosome. Mutations in this gene have been linked to severe spermatogenic failure and infertility in males. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	58.190kDa inclusive of tags
Tissue specificity	Testis specific.
Biological activity	useful for Antibody Production and Protein Array

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Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% GlutathioneNote: Reduced glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the RRM DAZ family.Contains 1 DAZ-like domain.Contains 1 RRM (RNA recognition motif) domain.

GENE INFORMATION

Gene Name	DAZL deleted in azoospermia-like [Homo sapiens]
Official Symbol	DAZL
Synonyms	DAZL; deleted in azoospermia-like; DAZLA; DAZH; DAZL1; MGC26406; SPGYLA;
Gene ID	1618
mRNA Refseq	NM_001190811
Protein Refseq	NP_001177740
MIM	601486
Uniprot ID	Q92904
Chromosome Location	3p24

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Pathway	Ovarian Infertility Genes, organism-specific biosystem;
Function	RNA binding; identical protein binding; mRNA 3-UTR binding; nucleic acid binding; nucleotide binding;

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