

Recombinant Full Length Human DAZL Protein, GST-tagged

Cat. No. DAZL-2546HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DAZL full-length ORF (AAH27595, 1 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	295 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. [provided by RefSeq, Jun 2010]
Molecular Mass	58.19 kDa
AA Sequence	MSTANPETPNSTISREASTQSSSAATSQGYILPEGKIMPNTVFGGIDVRMDETEIRS FFARYGSVKVKIITDRTGVSKGYGFVSFFNDVDVQKIVESQINFHGKKLKLGPARK QNLCAHYHVQPRPLVFNHPPPPQFQNVWTNPNTETYMQPTTTMNPITQYVQAYPTY

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PNSPVQVITGYQLPVYNYQMPPQWPVGEQRSYVPPAYSAVNYHCNEVDPGAEEV
PNECSVHEATPPSGNGPQKKSVDRSIQTVVSCLFNPENRLRNSVVTQDDYFKDKRV
HHFRRSRAMLKSV

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

DAZL deleted in azoospermia-like [Homo sapiens]

Official Symbol

DAZL

Synonyms

DAZL; deleted in azoospermia-like; DAZLA; DAZH; DAZL1; MGC26406; SPGYLA;
DAZ homolog; DAZ-like autosomal; SPGY-like-autosomal; deleted in azoospermia-
like 1; germline specific RNA binding protein; spermatogenesis gene on the Y-like
autosomal;

Gene ID

1618

mRNA Refseq

NM_001190811

Protein Refseq

NP_001177740

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MIM	601486
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UniProt ID	Q92904
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