

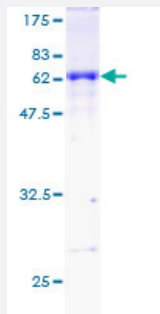
Full-Length

DAZL (Human) Recombinant Protein (P01)

Catalog # H00001618-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DAZL full-length ORF (AAH27595, 1 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSTANPETPNSTISREASTQSSSAATSQGYLPEGKIMPNTVFVGGIDVRMDETEIRSFFARYGSVK
EVKIITDRTGVSKGYGFVSFFNDVDVQKIVESQINFHGKKLKLGPARKQNLCAHYVQPRPLVFNHP
PPPQFQNVWTNPNTETYMQP TTTMNPITQYVQAYPTYPNSPVQVITGYQLPVYNYQMPPQWPVGE
QRSYVPPAYSAVNYHCNEVDPGAEEVPNECSVHEATPPSGNGPQKKSVDRSIQTVVSCLFNP
ENRLRNSVVTQDDYFKDKRVHHFRSRAMLKSV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.19

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 — DAZL

Entrez GeneID [1618](#)

GeneBank Accession# [BC027595](#)

Protein Accession# [AAH27595](#)

Gene Name DAZL

Gene Alias DAZH, DAZL1, DAZLA, MGC26406, SPGYLA

Gene Description deleted in azoospermia-like

Omim ID [601486](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations deleted in azoospermia-like autosomal|germline specific RNA binding protein|spermatogenesis gene on the Y-like autosomal

Disease

- [Azoospermia](#)

- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Oligospermia](#)