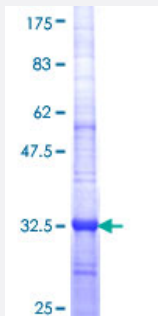


DAZ3 (Human) Recombinant Protein (Q01)

Catalog # H00057054-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DAZ3 partial ORF (NP_065097, 387 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YPNSAVQVTTGYQFHVYNYQMPPQCPVGEQRRNLWTEAYKWWYLVCLIQRRD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.46
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 — DAZ3

Entrez GeneID [57054](#)

GeneBank Accession# [NM_020364](#)

Protein Accession# [NP_065097](#)

Gene Name DAZ3

Gene Alias MGC126441, pDP1679

Gene Description deleted in azoospermia 3

Omim ID [400027](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells, particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene are found on chromosome Y within palindromic duplications; one pair of genes is part of the P2 palindrome and the second pair is part of the P1 palindrome. Each gene contains a 2.4 kb repeat including a 72-bp exon, called the DAZ repeat; the number of DAZ repeats is variable and there are several variations in the sequence of the DAZ repeat. Each copy of the gene also contains a 10.8 kb region that may be amplified; this region includes five exons that encode an RNA recognition motif (RRM) domain. This gene contains one copy of the 10.8 kb repeat. [provided by RefSeq]

Other Designations OTTHUMP00000042590

Disease

- [Oligospermia](#)