

Recombinant Human DAZ1

Catalog No: #GP12859



Package Size: #GP12859-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human DAZ1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 414-613 amino acids of human DAZ1
Target Name	deleted in azoospermia 1
Other Names	DAZ; SPGY
Accession No.	Swissprot:Q9NQZ3Gene Accession:BC114927
Uniprot	Q9NQZ3
GeneID	1617;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 three copies of the 10.8 kb repeat. However, no transcripts containing three copies of the RRM domain have been described; thus the RefSeq for this gene contains only two RRM domains.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only