

DAZ1 抗原（重组蛋白）

中文名称：DAZ1 抗原（重组蛋白）

英文名称：DAZ1 Antigen (Recombinant Protein)

别名：deleted in azoospermia 1; DAZ; SPGY

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 414-613 amino acids of human DAZ1

技术规格

Full name:	deleted in azoospermia 1
Synonyms:	DAZ; SPGY
Swissprot:	Q9NQZ3
Gene Accession:	BC114927
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.