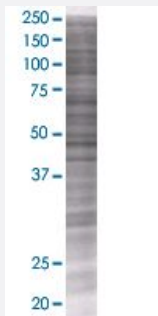


DAZ4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00057135-T01

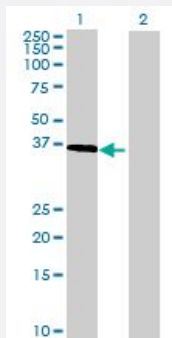
Size 100 uL

Applications



SDS-PAGE Gel

DAZ4 transfected lysate.



Western Blot

Lane 1: DAZ4 transfected lysate (44.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-DAZ4 full-length

Host Human

Theoretical MW (kDa) 44.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-DAZ4 antibody ([H00057135-B01](#)) by Western Blots.
SDS-PAGE Gel
DAZ4 transfected lysate.
Western Blot
Lane 1: DAZ4 transfected lysate (44.1 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — DAZ4

Entrez GeneID [57135](#)

GeneBank Accession# [NM_020420](#)

Protein Accession# [NP_065153](#)

Gene Name DAZ4

Gene Alias DAZ, DAZ1, pDP1680, pDP1681

Gene Description deleted in azoospermia 4

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 two copies of the 10.8 kb repeat. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations deleted in azoospermia 1

Disease

- [Oligospermia](#)