

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TP761667

## Deleted in azoospermia 4 (DAZ4) (NM\_020420) Human Recombinant Protein

### **Product data:**

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human deleted in azoospermia 4 (DAZ4), transcript variant 2, full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length DAZ4
Tag:	N-His
Predicted MW:	43.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 065153</u>
Locus ID:	57135
UniProt ID:	<u>Q86SG3</u>
RefSeq Size:	3388
Cytogenetics:	Yq11.23
RefSeq ORF:	1170
Synonyms:	pDP1680; pDP1681

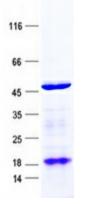


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

#### **GRIGENE** Deleted in azoospermia 4 (DAZ4) (NM\_020420) Human Recombinant Protein – TP761667

Summary:This gene is a member of the DAZ gene family and is a candidate for the human Y-<br/>chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells,<br/>particularly in spermatogonia. It encodes an RNA-binding protein that is important for<br/>spermatogenesis. Four copies of this gene are found on chromosome Y within palindromic<br/>duplications; one pair of genes is part of the P2 palindrome and the second pair is part of the<br/>P1 palindrome. Each gene contains a 2.4 kb repeat including a 72-bp exon, called the DAZ<br/>repeat; the number of DAZ repeats is variable and there are several variations in the<br/>sequence of the DAZ repeat. Each copy of the gene also contains a 10.8 kb region that may be<br/>amplified; this region includes five exons that encode an RNA recognition motif (RRM)<br/>domain. This gene contains two copies of the 10.8 kb repeat. Alternatively spliced transcript<br/>variants encoding different isoforms have been described. [provided by RefSeq, Feb 2011]

#### **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US