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Product datasheet for SC325524

DAZAP2 (NM_001136269) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DAZAP2 (NM_001136269) Human Untagged Clone
Tag:	Tag Free
Symbol:	DAZAP2
Synonyms:	PRTB
Vector:	pCMV6 series
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001136269, the custom clone sequence may differ by one or more nucleotides ATGAACAGCAAAGGTCAATATCCAACACAGCCAACCTACCCTGTGCAGCCTCCTGGGAAT CCAGTATACCCTCAGACCTTGCATCTTCCTCAGGCTCCACCCTATACCGATGCTCCACCT GCCTACTCAGAGCTCTATCGTCCGAGCTTTGTGCACCCAGGGGCTGCCACAGTCCCCACC ATGTCAGCCGCATTTCCTGGAGCCTCTCTGTATCTTCCCATGGCCCAGTCTGTGGCTGTT GGGCCTTTAGGTTCCACAATCCCCATGGCTTATTATCCAGTCGGTCCCATCTATCCACCT GGCTCCACAGTGCTGGTGGAAGGAGGGTATGATGCAGGTGCCAGATTTGGAGCTGGGGCT ACTGCTGGCAACATTCCTGTAAAAGAAGATCAAGATCACGACCGAGAGCAGGGTGAGGAA GACAACGGTGATAACAACTTGGAAAGGAGAGGGAAAATG
Restriction Sites:	Please inquire
ACCN:	NM_001136269
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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Reconstitution Method:
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_001136269.1, NP_001129741.1

RefSeq Size: 1219 bp

RefSeq ORF: 462 bp

Locus ID: 9802

UniProt ID: Q15038

Cytogenetics: 12q13.13

Gene Summary: This gene encodes a proline-rich protein which interacts with the deleted in azoospermia (DAZ) and the deleted in azoospermia-like gene through the DAZ-like repeats. This protein also interacts with the transforming growth factor-beta signaling molecule SARA (Smad anchor for receptor activation), eukaryotic initiation factor 4G, and an E3 ubiquitinase that regulates its stability in splicing factor containing nuclear speckles. The encoded protein may function in various biological and pathological processes including spermatogenesis, cell signaling and transcription regulation, formation of stress granules during translation arrest, RNA splicing, and pathogenesis of multiple myeloma. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]
Transcript Variant: This variant (6) uses an alternate exon in the 3' coding region, compared to variant 1. The resulting protein (isoform f) is shorter and has a distinct C-terminus compared to isoform a.