

Product datasheet for **RG207281**

PASD1 (NM_173493) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PASD1 (NM_173493) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PASD1
Synonyms:	CT63; CT64; OXTES1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG207281 representing NM_173493
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGATGAGAGGGGAAAAGAGAAGAGACAAGGTCAATCCAAAAAGCTCTCAAAGGAAATTAACCTGGA
 TTCATCATTTCCCTACCTATGATTACTTCAACCAAGTGACGCTACAGTTATTAGATGGCTTTATGATTAC
 ACTGAGCACAGATGGAGTGATCATTGTGTGGCTGAAAACATCTCTTCTCTTCTGGACATTTACCAGT
 GAGATTGTGGGCAAAAAATTATTAAGCCTTCTGCCTGATGAAGAGAAAGATGAAGTCTACAAAAGATTA
 TTCTCAAATTTCTTTACTAAACTCAGAAACACATATTGAATTTTGTGTGCTTTAAAAAGAGGAAATGT
 CGAACATGGTGATAGTTCTGCTTACGAAAACGTGAAATTTATTGTGAATGAAGAGATATTTGTAATGAG
 TTTCTGTGGTCTTTAGTGGCTTGTTCAGCCACCTCTGTGCTGACTTTGCTGCATGTGTTCTCAGG
 AGGATCGGCTTTATCTTGTGGGAAATGTTTGCATTCTCAGGACTCAGCTCCTGCAGCAACTTTACACTTC
 AAAGGCAGTCAGTGATGAAGCTGTACTACACAAGATTCAGATGAGGAACCTTTTGTGGGAGAGCTCAGT
 AGCTCTCAAGGTCAAAGAGGACACACTAGCATGAAAGCCGTGTACGTTGAACCCGCTGCTGCTGCTGCTG
 CTGCTGCTATCTCAGACGACCAATGATATTGCAGAGGTTGAGCAGTATGGACCACAAGAAAACGTTCA
 CATGTTTGTAGATTCTGATTCAACTTATTGCTCCAGTACAGTTTTCTGGATACTATGCCTGAATCTCCA
 GCCTTATCCTTGAAGACTTTTCGAGGTGAGCCTGAGGTGAATCCATTGTACAGGGCAGACCCAGTGGACC
 TGGAGTTCTCGGTGGATCAGGTGGACTCAGTGGACCAGGAGGGCCCAATGGACCAGCAGGACCCAGAGAA
 CCCAGTTGCCCGTTGGACCAGGCAGCCTGATGGATCCAGTGGATCCAGAGGACTCAGTGGACCTGGGG
 GCTGCTGGCGCAAGTGCTCAGCCATTACAGCCATCATCACCAGTTGCATATGACATCATTAGCCAGGAA
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 CCAGCAGAATGCATTGGAATTGATGGATCACCTTCAGAAGCAGCACAACACATTACGCCACGTTGTC
 ATTCCTGATCTCCAATCTTCGGAGGCAAGTGCCTCAAGAAACAACAGAAAACAACACGCTGGGCAAGTGAAGC
 GCCTCTCCACATCCCAAGGACGTCAAGTGTCTGTGGTTTATCTTTATCCAACCTCTCTCAAAAAACAC
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 AGATGCAGGAGAAGAAGAAGCTGCAGGAGCAGAAAATGCAGGAGAAGAAGAAGTGCAGGAGCAGAGGCG
 GCAAAAGAAGAAGAAGCTACAGGAGCGGAAGAAGTGGCAGGGCAGATGCTACAGAAAGAGCCAGAGGAG
 GAGCAGCAGAAGCAGCAGCTGCAAGAGCAGCCACTGAAGCATAATGTCATCGTGGGAATGAGAGGGTGC
 AGATATGCCTGCAAAACCCACGTGACGTATCTGTGCCCTCTGCAATCACCTGTTAGATTTTTACAGGC
 CCAACCCATTGTTCTGTCCAGAGAGCAGCTGAACAACAGCCCTCTGGCTTCTATCAAGATGAAAACGT
 GGGCAACAGGAAGATGAGAGTCAAAGTTTTTATCCTGAGGCGTATCAAGGGCCCCCGTGAACAGCTGC
 CATTGATAGATACCTCAAACCTCTGAGGCAATTTCTTCTCCAGCATTCTCAGTTTCCATAACTCAGA
 CTCAACCATAAGCACCTGGAGACCCACAGGATTACATCCGGCTTTGGCAAGAGTTGTCTGATTCACTC
 GGTCTGTGTCCAAGTGAACACTTGGTCTTGCATGAGCAGGGCACCTGCACGGCCAACCCACCTACC
 ATCAGGTGCAAGTTTCTGAGGTAGGAGTCGAGGGACCTCTGATCCACAGGCTTTCCAAGGCCCTGCTGC
 ATACCAGCCAGACCAGATGAGATCTGCGGAGCAGACCAGATTGATGCCTGCAGAGCAACGTGACTCAAAT
 AAGCCGTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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).

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_173493.1](#), [NP_775764.1](#)

RefSeq Size: 3161 bp

RefSeq ORF: 2322 bp

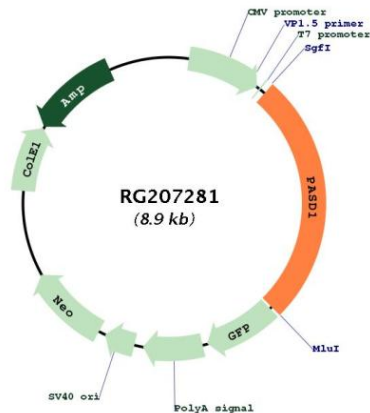
Locus ID: 139135

UniProt ID: [Q8IV76](#)

Cytogenetics: Xq28

Gene Summary: This gene encodes a protein that is thought to function as a transcription factor. The protein is a cancer-associated antigen that can stimulate autologous T-cell responses, and it is therefore considered to be a potential immunotherapeutic target for the treatment of various hematopoietic malignancies, including diffuse large B-cell lymphoma. [provided by RefSeq, May 2010]

Product images:



Circular map for RG207281