

Product datasheet for **RG223228**

TMEPAI (PMEPA1) (NM_020182) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEPAI (PMEPA1) (NM_020182) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TMEPAI
Synonyms:	STAG1; TMEPAI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG223228 representing NM_020182 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCACCGCTTGATGGGGTCAACAGCACCGCCGCCGCCGCCGGGCAGCCCAATGTCTCCTGCACGT
GCAACTGCAAACGCTCTTTGTTCCAGAGCATGGAGATCACGGAGCTGGAGTTTGTTCAGATCATCAT
CGTGGTGGTATGATGGTATGGTGGTGGTATCACGTGCCTGCTGAGCCACTACAAGCTGTCTGCACGG
TCCTTCATCAGCCGGCACAGCCAGGGCGGAGGAGAGAAGATGCCCTGTCCTCAGAAGGATGCCTGTGGC
CCTCGGAGAGCACAGTGTCAAGCAACGGAATCCCAGAGCCGAGGTCTACGCCCCGCTCGGCCACCGA
CCGCTGGCCGTGCCGCCCTTCGCCAGCGGGAGCGCTTCCACCGCTTCCAGCCACCTATCCGTACCTG
CAGCACGAGATCGACCTGCCACCCACCATCTCGCTGTGACAGGGGAGGAGCCCCACCCCTACCAGGGCC
CCTGCACCCTCCAGCTTCGGGACCCCGAGCAGCAGCTGGAAGTGAACCGGGAGTCGGTGCAGCACCCCC
AAACAGAACCATCTTCGACAGTGACCTGATGGATAGTGCAGGCTGGGCGGCCCTGCCCCCCAGCAGT
AACTCGGGCATCAGCGCCACGTGCTACGGCAGCGGGCGCATGGAGGGGCCCGCCACCTACAGCG
AGGTATCGGCCACTACCCGGGTCTCTTCCAGCACCAGCAGAGCAGTGGGCCGCCCTCTTGTCTGGA
GGGACCCGGCTCCACCACACACATCGCGCCCTAGAGAGCGCAGCCATCTGGAGCAAAGAGAAGGAT
AAACAGAAAGGACACCCTCTC

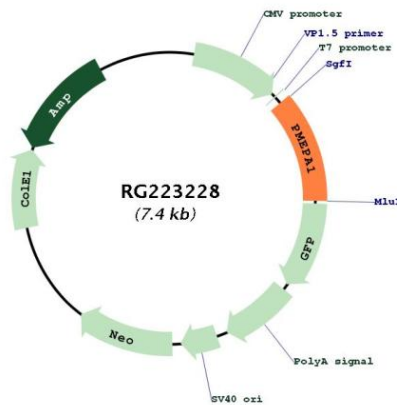
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

- 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_020182.5](#)
- RefSeq Size:** 4930 bp
- RefSeq ORF:** 864 bp
- Locus ID:** 56937
- UniProt ID:** [Q969W9](#)
- Cytogenetics:** 20q13.31
- Protein Families:** Druggable Genome, Transmembrane
- Gene Summary:** This gene encodes a transmembrane protein that contains a Smad interacting motif (SIM). Expression of this gene is induced by androgens and transforming growth factor beta, and the encoded protein suppresses the androgen receptor and transforming growth factor beta signaling pathways through interactions with Smad proteins. Overexpression of this gene may play a role in multiple types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Product images:



Circular map for RG223228