

## Product datasheet for MC224975

### Tspoap1 (NM\_172449) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tspoap1 (NM\_172449) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tspoap1  
**Synonyms:** Bzrap1; D230016K05; mKIAA0612; PRAX-1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224975 representing NM\_172449  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGCAACTGACAACCTCCCACGGCTTGGAGACCTTGGAGCCATGGAGCCATGGGCACTGCCTGCCT  
 GGCAGCACTGGACTCAGGGCCAGGGGTGCAACCTGGAGATGCATCTCCAAGCATTGCTGGTACTCCGAC  
 AGCTCTGCAGGTTAAAGGATTGAGTTTGAAGAGAGTTCCAAGCCTGAGGGAGCTCATAGCCCTGGACCT  
 GTCGGAAATACTGATCCTGAAGCAACAGAGACCGGGCTGCCTAAGCTGGGGCAGCAAGCAGAGAGCCCTG  
 GGTACAGCTGTTCCGGGCTGGAGGAGGAGGAGGCACAGGCTTATAAGGCCAAGTTCAACATAGGTTTCGG  
 GGACAGGCCTAATCTGGAGCTGCTAAGGGCCCTGGGAGAGCTGCAGCAGCGCTGTACCATCCTGAAGGAG  
 GAAAACCAGATGCTGAGAAAAAGCAGCTTCCCAGAGACGGAGGAGAAGGTACGGAGGCTGAAGCGGAAGA  
 ATGCTGAACTGGCAGTCATTGCCAAGCGCCTGGAGGAGAGGGCACAGAAGCTGCAGGAAACGAACATGAG  
 GGTGGTGAGTGCCCTGTGCCCGACCCGGATCCAGTTTGGAGTTGTGCCGTAAGGCTCTAGCTCGCCAG  
 CGAGCCCAGACCTCAGTGAGACAGCCAGTGCCTGTTGGCCAAGGACAAACAGATTGCTGCCTTGCAGC  
 GGGAGTGCCAGGGAGCTGCAGGCCAGACTCTCTGTTGGGCAAGGAAGGTCCCGAGTGGCTGCATATGCG  
 GGACTTCGACCGTTGCTGCGCGAGTCCCAACGGGAGGTGCTGCGGCTGCAGAGGCAGATCGCCCTGCGC  
 AACCAGCGGGAGCCGCTCCGGCCTGCCCGTCCCGGGTCCCTACTGCCCATCTAGAGTAGGGGCGCCGG  
 CCCCCGGGGCCCCGGGAGAGGCCGTAATCAGGATGATGTGGAGAGCCCACAGGTAGTCCTAAGGGAACC  
 AGAGAAGCAGCAAAGGGTGCAGCAGCTGGAGTCTGAGCTCTGCAAGAAGCGAAAGAAATGCGAGAGTCTG  
 GAGCAGGAAGCCAGGAAAAAGCAGAGGCGATGTGAGGAGCTGGAGCTACAGCTGAGGGCAGCCCAGAATG  
 AAAATGCCCGCTGGTGGAGGAGAATCTCGGCTCAGTGGGAGAGCCACAGAGAAGGAGCAGGTGGAATG  
 GGAGAATTCGGAGCTGAAGGGACAGCTCCTGGGGTGACACAAGAGAGGGACTCGGCCCTTCTTAAGAGC  
 CAGGGCCTGCAAAGCAAGCTGGAGAGCCTGGAGCAGGTGCTGAAGCATATGCGGGAGGTGGCCAGCGCC  
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 GCTGCAGCAGGCCAGGCAAGCCAAGAGGGAACATGAGGGAGCCGTTAGCTGCTGGAGTCTACCTTG  
 GATTCCATGCAGGCCCGGTTTCGAGAGCTTGGGGCCAGTGCCGAAGCCAGACTGAGCGTTTCAGCCTTC



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TGGCTCAGGAGCTCCAGGCCTCCGTCTGCACCCAGGCCCTCTGGATCTGCTTACTTCAGCCTTGGGCTG  
TAGTGCCCTTGGGGACCACCCGCCCCCACTGCTGCTGCTATCCCTCAGCCCTGCCAGGGTCCGGC  
CCCAAAGATCTTGACCTCCCACCGGGCTCCCAGGACGCTGCACCCCAAATCTTCTGAACCTGCTCTCA  
CCACCTTACTGGAATCCCTCGAAGGACAGCTAAGAAGGCCGAGTCTCTTTCTAATTTCTTCTCGCTCAGA  
GTCCATCCACAACAGCCCAAGTCATGTCCACACCAGAGGTGGACACAGCCAGTGAGGTGGAGGAACTG  
GAGGTAGACAGTGTTCCTGCTCCCAGCAGCTCCGGAGAGTCACTCGGGAGGAGCCAGAATCCAGGTCT  
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AGCGGGCAGTATATCTACATCTATGGTAACATGGACGAGGATGGCTTTTTTGAAGGGGAGCTCATGGAT  
GGCCGAAGGGGCCTGGTCCCTTCCAACCTTGTAGAGCGCGTGTCTGATGATGATCTTCTGTCCACCTCC  
CTCGGGAGCTGGCTGATTCGTGCGACAGCTCAGGCCCGAGCTCAGTTTCTGAGTGAGGCGGGGGTGG  
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GAACTCAGTCTGAGCCCCCACCAGAGGGACTTGGCGAGCCTCTGGCTGTGCCTTACCCCGACACATCA  
CGGTTCTCAAGCAGTTAGCCACAGTGTGGTGTGGCTGGGAGTTGCCTCTGAGAGAGTAGATCTGCG  
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CAGACCCTCTGCCTGTTGCCTGGCTGTGGGTGCCGGGGCTGGGGTGGTACCCAGCCAGCTGCGGATCCA  
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GCACACTCTATCAGGCCCGAGTGGAGGCTCAGATCCCATCTCAGGGGCCTTGGGAACCAGGCTGGGAGAG  
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GTGACTGTACGCACTATGTCACCCCATGGCGAGTCCAGTCACTCCAGCCGCCCCGTTGCCCCAGCCC  
TGGCTTCTGCCTGCCAGCCAGCCAGGATGTCTGTCTCTCACCACGACCAAGCCAGAGGTGAGAACC  
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CAAGATTTCTCTGCAAGTCTTCCATAGAGATGTCAAAGGACCCAGGAGGAACCTCCAGTCCCTTGCT  
CTCAGGAAGAGGCTGGGGCAGCTGTGCGGAGCATCTCAGAAGAGAAGAGGGCTATCGAGCCAACTCTGGG  
CCAGGAAGGCCCTGAGCCTGTGGCTCCTTCCCTGGCTAAGCAGGAAGTGGAGTCACTTCCAGGAGATGCT  
GGCCCTGTACCTTGTCCACCAAGGAGAGCTGACCCAGAAGAAGCAAGTATTGAAGCCTGCCATGGGG  
GAGATCTGGACTCCGGGTGAACTTAGATCTGAGAAAGAAGATATGTCAGAGCTTGGAGTTCACCTGGT  
GAATCCCTTGTGGATCACAGCCCAACTCAGACTTATCAGACATCCAGGAAGAAGAGGAAGAGGAGGAA  
GAAGAGGAAGAGGAACTGGGTTCCAGGCCTTGTCTCCAGAAAGCAGGTTGCTGGCAACAGCATCAGGG  
AGAATGGAGCCAAGCCCCAGCCAGACCCCTTTTGTGAGACTGACAGCGACGAGGAGATCTTGGAGCAGAT  
ACTGGAGTTGCCTCTCCAGCGGCTCTGCAGCAAGAAGCTGTTGAGCATCCCTGAGGAGGAAGAGGAGGAG  
GAAGAGGAGGAAGGGCTGGAGAAACCAGGGCCAGCCGCACTTCCAAGACCCTAGCCAGCCTGAACTTG  
CGTTGCTAGGGCCGGGCTGTGATAGCAGTACAGCCAGGGACCTGGCCTGTGTCCCTGTCTCTGAGCT  
CTCTGGGGTCAAGGAGCACCTGGAGGATGTGCTGGGAGTCTTGGTGGAAACGGCAGGAGGAGGAGGT  
GGCTCCCCGAGAAACTCCAAACCGCAAGCGACCTCAGGACCCCGAGAACATTGCAGCCGGCTTCTTG  
GCAATGGCGGGCCAGGCCTCTGCACGGCCGGTCCCTCCAGGGAGAGGGGCAGCCTCCCTGTGATTGA  
GGGCACCAAGGTTGGACAGGAGCCCGTGGGAGAGGGCGCCGGGTCTTCCCGAGGTGTCCCCGTGGC  
CCTGCTCCAGAATCCAGCTTAGTCAGCTGCCTCTCTCAAAGTGTGGAGATCAGTATTGAATATGATT  
CTGAGGATGAGCAGGAGGCGGGCAGCGGGGTGTGAGCATCAACAGCTCTGCTACCCACAGATGGGGA  
GGCCTGGGGCACAGCGGCAGTAGGAAGGCCAGGGGACCTCCGAAGGTCAATCCAGGCCCAACGCCTAC  
CTGCGCCTCCCAGCCTGGGAGAAAGGGGAGCCAGAGCGGAGAGGCCGAGTGCATTGGCAGAACCAAGG  
AGCCACCTCCCAGGCAACAGAACTGGGAGTCCAGAGGGCAGGACAACCTTGGGCGGAGAGGACCCCA  
GAGGAGAGGGGCCGGGTGCCTAGGTCTGGTACCCTGAGCTGGCCCTCCAAGGAGCCCAAGAAGCA  
CCACCTCATCAGGACCTGCCTGTGAGGGTCTTTGTGGCTCTGTTGACTATGACCCTGTATCAATGTCAC  
CGAACCTGATGCCGGAGAAGAGGAACTGCCCTTAAGGAGGGCCAACCTCCTCAAGGTGTTTGGAGACAA  
GGACGCTGATGGTTTCTACCGGGGTGAGAGTGGGGCCGTACAGGCTACATCCCCTGCAACATGGTGGCT  
GAGGTGGCTGTGGACAGTCCAGCAGGGAGACAACAGCTGCTCCAGCGGGTCTTGTGCCCAATGTTCT  
TCACCGAGGCCTCAGGAAATGGTCCCTCTGTGACTCCTCAGCACACACCCGGGCCTCCCCCAAGCC

TCGTCGGTCCAAGAAAGTGGAGCTGGAAGTCCTACACAGCTCTGTCCAGGTCCTCCTAAGCTGATTCAT  
TCTGCTGCCAGAAAACCTCCCAGCCTATGGTGGCTGCATTTGACTATAATCCTCGGGAGAACTCCCCCA  
ATATGGATGTGGAGGCAGAGCTGCCCTTCAGAGCAGGGGATGTCATTACTGTGTTTGGGAACATGGACGA  
TGATGGTTTCTACTATGGGGAGCTGAATGGACAAAGGGCCTGGTTCCATCCAACCTCCTGGAAGGCCCT  
GGGCCTGAGTCAGGCAGCCTAGAGTCTGGGACATCTCAAGCCGAGAGTCAGAGAACGAGGAGGAGAAGAG  
TCCAGTGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_172449
<b>Insert Size:</b>	5541 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_172449.2, NP_766037.2</u>
<b>RefSeq Size:</b>	7633 bp
<b>RefSeq ORF:</b>	5541 bp
<b>Locus ID:</b>	207777
<b>UniProt ID:</b>	<u>Q7TNF8</u>
<b>Cytogenetics:</b>	11 C