

Product datasheet for **MC205892**

Thnsl2 (NM_001033929) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Thnsl2 (NM_001033929) Mouse Untagged Clone
Tag: Tag Free
Symbol: Thnsl2
Synonyms: BC051244; TSH2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC051244

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TGTGCGCGTCCGCCACTGGACTCGGGTCTCCAGGCAGCTCCGCGCCCTACGGGCTCCAGGACCATGTGG
TACACTAGCACCCGGGAATGGCCACGGTCAACTTTGAGGGGCCCTCTTCTGGTTATGCACCAG
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CAAATTTAGTTCCAGTGCCCATGTCAGGTGGCTCACAACCATCTATAACTTCAGCTGTAGGATTTGAC
ACCTCTGTAGGCAGTGTACTTGTACACAGATACACATACCAATATGTGATTAATAATGATAAAGGTAATAA
AAAAAAAAAAAAAAAAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_001033929
Insert Size:	1452 bp
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).
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:	<ol style="list-style-type: none">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:	BC051244 , AAH51244
RefSeq Size:	1766 bp
RefSeq ORF:	1452 bp
Locus ID:	232078
UniProt ID:	Q80W22
Cytogenetics:	6 C1
Gene Summary:	<p>Acts as a catabolic phospho-lyase on both gamma- and beta-phosphorylated substrates. Degrades O-phospho-threonine (PThr) to alpha-ketobutyrate, ammonia and phosphate. Also degrades O-phospho-homoserine (PHS), but this is not its physiological substrate. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>