

Product datasheet for **RN212691**

Tarsl2 (NM_001014020) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tarsl2 (NM_001014020) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tarsl2
Synonyms:	RGD1311308
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212691 representing NM_001014020
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCCAGGCCCTGGCCGCTCAGGCGGTGGCTCGCGCCTGCACGGCAGGAGGAGACATTCGCT
GGCTGTGCGCGGAGGTGCAGCGCCTGAGGGACGAGCAGCTGCGCGGGCCGGAGCGGGGCCAAGCCGAGGG
CCC CGCCTGACGCGCGAGGTGGCACAGCTCCAGGCGGAGAACC GCGACCTGCACCAGCGCCTGTGTGAC
CTGCGGCTGCGCCTGGCGGAGCAGGGAGGCCCGGGGCCGCGAGCGCGGCGCACGAGCCTCCTACTC
AAAACCAAGAGAAGGACACGAAGAGGAAGAGTTGAAGGATTCTGAGCCCAACAGGGAGGTGAAGCAACC
GAATTTTATAAAAAGAGAGATTGCAGCTTTTTGAAACGTTGAAGACAGATCATCAGCTGTTACCTGCTACT
CAGGAAAAGAAGAACAACAATGTGATTTCAAGTGGCTGCTGGGATTAGTAAAGAACTGGCTGAAAATACAGTAATTGC
AATGGAAAACAACACCTTATCAAGTGGCTGCTGGGATTAGTAAAGAACTGGCTGAAAATACAGTAATTGC
CAAGGTGAATGGTGTATGGGACCTGGACCGCCGTTGGAAGGGGACTCCACTGTAGAGCTTCTGATG
TTTGACAATGAGGAAGCCAGGCTGTGTACTGGCACTCCAGCGCTCACGTCTGGGGGAGGCCATGGAGC
TGTAATGAGGCCACCTGTGCTACGGCCACCATTGAAAATGGATTCTATTATGATATGTTCAATTGG
AGACAGAGTGGTGTCCAGCACGGAGCTGTCTGCCCTGGAGAACATATGTAAGCAATATCAAAAGAAAAG
CAACCGTTTGAAGACTGGAAGTCAGCAAGGACAGTCTCCTGGAAATGTTAAGTACAATAAATTTAAGT
GCCGGATTCTGAAGGAGAAAAGTTGACACTCCGACAACCACTGTTTACAGGTGTGGTCCACTGATTGACCT
TTGTAAGGCCCCCATGTAAGACACACTGGAAAAATTAAGCCATAAAAAATTTCAAGAATCCTCAACA
TATTGGGAAGGGAACCCCTGAGATGGAAACATTGCAGAGGGTCTACGGCATATCCTTTCTGACAGCAAAA
TGATGAGAGACTGGGAAAAATCCAAGAGGAGGCCAGGACCGGGACCACAGGAAAAATCGGGAAGGAACA
AGAGCTTTTCTTCCATGATCTGAGCCAGGAAGCTGTTTTTCTCCAAGAGGAGCGTTCATTTAC
AATACTATGATTTTCATACGAGAGGAATATCACAACGTAACCTTACAGAAGTGCTCTCCTCAACA
TGTACAACAGTAAGCTCTGGGAACTTCAGGCCATTGGCAGCATTACAGTAACAACATGTTACCTTTGA
CATTGAAAAGGACACTTTGCCCCAAACCCATGAACTGTCCAGGGCACTGTTAATGTTTGACACCCGC
CCACGATCCTGGAGGAAATGCCTGTTAGATTTGCCGACTTTGGCGTCTTACAGAAAACGAACTGTCGG
GGACTTTAACCGGCTTAACCCGAGTGAGGCGCTCCAGCAGGATGACGCCACATCTTCTGCATGGTGA
GCAGTTAAAGTGGCCATGCAGAGGTGACTGTCAAACACTACAGACTGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001014020

Insert Size: 1662 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:

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_001014020.1](#), [NP_001014042.1](#)

RefSeq Size: 1954 bp

RefSeq ORF: 1662 bp

Locus ID: 308701

Cytogenetics: 1q22