

Product datasheet for **RN205161**

Taldo1 (NM_031811) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Taldo1 (NM_031811) Rat Untagged Clone
Tag: Tag Free
Symbol: Taldo1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205161 representing NM_031811
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGGGTCCCCGGTAAAACGCCAGAGGATGGAGTCCGCCTTGGACCAGCTCAAGCAGTTACCACCG
TGGTGGCTGACACGGGTGATTTCAACGCCATCGATGAGTACAAGCCCCAGGATGCCACCACCAACCCATC
CCTGATCCTGGCTGCAGCACAGATGCCTGCCTACCAAGAGCTGGTGGAGGAGGCCATTGCCTACGGCAAG
AAGCTGGGTGGGCCACAAGAGGAGCAGATTAATAATGCCATTGATAAACTTTTTGTGCTGTTTGGGGCAG
AAATACTAAAGAAGATTCAGGCCGTGTATCCACAGAAGTCGATGCAAGGCTTTCCTTTGATAAGGATGC
CATGGTGGCCGAGCCAGGCGCATCATAGAGCTTTACAAAGAAGCTGGGATCAGCAAGGACAGAATTCTC
ATCAAGTTATCATCAACCTGGGAGGGAATCCAGGCCGAAAGGAGCTGGAGGAGCAGCATGGCATCCACT
GCAACATGACTGCTTTTCTCCTTCGCCAGGCCGTGGCTGCGCTGAAGCGGGCGTGACGCTCATCTC
TCCCTTTGTGGGGCGCATCCTTGACTGGCATGTGGCAAACACAGACAAGAAATCCTACGAACCCAGGAG
GACCCTGGGTGAAGAGTGTCAAAAAATCTACAACACTACAAAAAGTTTGGCTACAAGACCATTGTCA
TGGGTGCTTCCGTAAACACGGGTGAGATCAAAGCGCTGGCAGGCTGTGATTTCTCACCATCTCACC
CAAGTTCTGGGGAGCTGCTCAAGGACAGCAGCAAGCTGGCACCCACGCTTTCGCTCAAAGCAGCCAG
ACCAGTGACTTGAGAAGATACATCTGGACGAGAAGGCCTTCCGTTGGCTGCACAATGAGGACCAATGG
CTGTGGAGAAGCTCTGATGGGATCCGCAAGTTTGTGCTGATGCCATAAAGTTGGAGCGGATGCTCAC
AGAACGAATGTTACAGCGCTGAGAATGGGAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031811
Insert Size: 1014 bp



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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:	NM_031811.3 , NP_113999.2
RefSeq Size:	1225 bp
RefSeq ORF:	1014 bp
Locus ID:	83688
UniProt ID:	Q9EQS0
Cytogenetics:	1q41
Gene Summary:	human homolog is a pentose phosphate pathway enzyme involved in generation of reducing equivalents to protect cellular integrity from reactive oxygen intermediates [RGD, Feb 2006]