

Product datasheet for **MG215827**

Tecr1 (NM_153801) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Tecr1
Synonyms:	D330017N19Rik; Srd5a2l2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG215827 representing NM_153801
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTCAAAAGGCACAAGTCCCTGGAACGCAAGAGGGAATTGTTATTCCAGGGACTGCCACAGTCCACAA
TGAAGAATAATGCGAGAAATTTCCACTCTTTGTCACACTTGTACTCTCAGCAGGCCCGCTCAAACTAC
TACAGCAGTCAAACATTCAAAACGACTCACTTTGAGATCGAAATACTGGATGCTCATACAAGAAAACAA
ATATGTATTGTGGATAAGGTCACACAAACATCACTATTTCATGATGTCAAACAGAAGTTTCACAAAGCAT
GTCCAAAGTGGTACCCTTCTCGAATTGGCCTACAACCTAGAATAATGGTGGCCCATATTTGAGGGACTACAT
CACAGTTCAAAGTGTTCAGCTTCTTCAATTATCACACTCTATTTTACAGACTGGGTGAGCAAGTCGGG
TGGACTACAGTCTTTTGGTGAATACTCAGGACCTCTGTTAATAACCTTCTTTTTACTTGAGGAGCT
CATACATATATGATGTCAAGGAGAGCACTAGATGGCCCGGCACCCTGTGGTACTTGGCTTTCTTCTG
CCATTGTATCCACTACATCCGACTCCTCCTGGAGACTTTATTTGTTCAAAAAGTTTCTACAGGACACAGT
CCTATGAAAAAATTGATAAAGGTTGTGCATTTTATGGGGATTCACTTCTTGATGGCTTATTATATTA
ATCACCCAAGATATACACCACCATCATTTGAAACAGGCAAGTAATAGTGTCTGCTATCACTTTCTGTT
TTGTGAAGCTGGAATCATTTTCATCAATACAGTTTGGCTCATCCAAATCACACAGGTAGCAATGCCTGT
TTCCCAAGTCCAAATTACAACCCCTTACATGGTTGTTTTCTGGTTTCTGTCTAACTATACCTATG
AGATCGGATCTTGATTAGTTTACAGTTATGACCCAGACACTTCCAGTTGGTATTTTACAACTTAAAT
GACCATCCAGATGTCTGTGGGCACGAAAGAAGCATAAAAATATATCGGAAGAAGTTCAACTCATATGTT
CATAGGAAATCAGCCATAATTCCACTCATATTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG215827 representing NM_153801
 Red=Cloning site Green=Tags(s)

MFKRHKSLERKRELLFQGLPQSTMKNARNFHLSQLVLSAGPLKTTTAVKHSKTTHFEIEILDAHTRKQ
 ICIVDKVTQTSTIHDVKQKFKACPKWYPSRIGLQLEYGGPYLRDYITVQSVAASSIITLYFTDLGQQVG
 WTTVFLAEYSGPLLIYLLFYLRSSYIYDVKESTRWPRHPVVHLAFFCHCIHYIRLLLETLFVHKVSTGHS
 PMKNLIKGCIFYWGFTSWMAYYINHPRYTPPSFGNRQVIVSAINFLFCEAGNHFINTVLAHPNHTGSNAC
 FPSPNYNPFITWLFVLVSCPNTYEIGSWISFTVMTQTLVPVGIPTILMTIQMSLWARKKHKIYRKKFNSYV
 HRKSAIIPLIL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153801

ORF Size: 1083 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_153801.3](#), [NP_722496.2](#)

RefSeq Size: 2373 bp

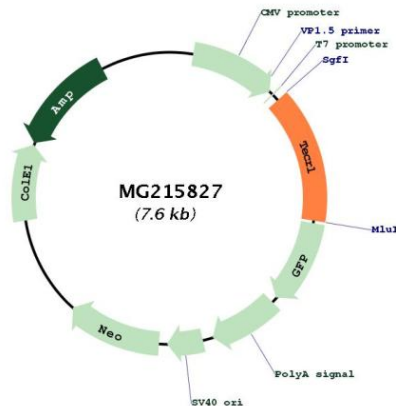
RefSeq ORF: 1086 bp

Locus ID: 243078

UniProt ID: [Q8BFZ1](#)

Cytogenetics: 5 E1

Product images:



Circular map for MG215827