

Product datasheet for **SC125820**

EDA2R (NM_021783) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EDA2R (NM_021783) Human Untagged Clone
Tag: Tag Free
Symbol: EDA2R
Synonyms: EDA-A2R; EDAA2R; TNFRSF27; XEDAR
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_021783 edited
 CCGGAGTCCCATTGGGAGCAAGAGCCATCTACTCGTCCGTTACCGGCCCTCCCACCATG
 GATTGCCAAGAAAATGAGTACTGGGACCAATGGGGACGGTGTGTACCTGCCAACGGTGT
 GGTCTGGACAGGAGCTATCCAAGGATTGTGTTATGGAGAGGGTGGAGATGCCTACTGC
 ACAGCCTGCCCTCCTCGCAGGTACAAAAGCAGCTGGGGCCACCACAGATGTCAGAGTTGC
 ATCACCTGTGCTGCATCAATCGTGTTCAGAAGGTCAACTGCACAGCTACCTCTAATGCT
 GTCTGTGGGACTGTTTGCCAGTTCTACCGAAAGACACGCATTGGAGGCCTGCAGGAC
 CAAGAGTGCATCCCGTGCACGAAGCAGACCCCCACCTCTGAGGTTCAATGTGCCTCCAG
 TTGAGCTTAGTGGAGGCAGATGCACCCACAGTGGCCCTCAGGAGGCCACACTTGTGCA
 CTGGTGCAGCCTGCTAGTGGTGTTCACCTGGCCTTCTGGGGCTCTTCTTCTCTAC
 TGCAAGCAGTTCTTCAACAGACATTGCCAGCGTGGAGTTTGCTGCAGTTTGAGGCTGAT
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 TCCCAAGTGAGTGAGAATCTTTCAGACCCAGCCACTTAACCCTATCCTCGAGGACGAC
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CCCTGATTTTGAGGTTCTCACCACCCTCAGCAGGAGAAGGGCTGAAGTTCGCCATTTT
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ACTACCCACAGCAGTCCCTCAAAGACAGCCCTCAATCCATGTAGGGACATCTGAGTATG
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AAAAAAAAAA
    
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_021783 unedited
GGTCATTATTTGTATACGACTCACTATAGGCGGCCGCGTAATTCGCACGAGGCCGGAGTC
CCATTTGGGAGCAAGAGCCATCTACTCGTCCGTTACCGGCCTTCCCACCATGGATTGCCA
AGAAAATGAGTACTGGGACCAATGGGGACGGTGTGTACCTGCCAACGGTGTGGTCTGG
ACAGGAGCTATCCAAGGATTGTGGTTATGGAGAGGGTGGAGATGCCTACTGCACAGCCTG
CCCTCCTCGCAGGTACAAAAGCAGCTGGGGCCACCACAGATGTCAGAGTTGCATCACCTG
TGCTGTATCAATCGTGTTTCAAGGTCAACTGCACAGCTACCTCTAATGCTGTCTGTGG
GGACTGTTTGGCCAGGTTCTACCGAAAGACACGCATTGGAGGCCTGCAGGACCAAGAGTG
CATCCCGTGCACGAAGCAGACCCACCTCTGAGGTTCAATGTGCCTTCCAGTTGAGCTT
AGTGGAGGCAGATGCACCCACAGTGCCCTCAGGAGGCCACACTTGTGCACTGGTGAG
CAGCCTGCTAGTGGTGTTACCCTGGCCTTCTGGGGCTCTTCTCTCTACTGCAAGCA
GTTCTTCAACAGACATTGCCAGCGTGGAGGTTTGTGTCAGTTTGGGCTGATAAAACAGC
ANAGGAGGAATCTCTTCCCCGTGCCACCCAGCAAGGAGACCAGTGTGAGTCCCAAGT
GAGTGAGAACATCTTTCAGACCCAGCCACTTAACCTATCCTCGAGGACGACTGCAGCTC
GACTAGTGGCTTCCCACACAGGAGTCTTTACCATGGCCTCTGCACCTCAGAGAGCCAC
TCCACTGGGTCCACAGCCCATCGAATGCACAGAGCTGGACCTGCAAAAGTTTCCAGCTC
TGCTCTATACTGGAGCTGAGACCTGGGGGGGAACACAT
    
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Restriction Sites:

NotI-NotI

ACCN:	NM_021783
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:	<u>NM_021783.2</u> , <u>NP_068555.1</u>
RefSeq Size:	3385 bp
RefSeq ORF:	894 bp
Locus ID:	60401
UniProt ID:	<u>Q9HAV5</u>
Cytogenetics:	Xq12
Protein Families:	Druggable Genome, Transcription Factors, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction
Gene Summary:	The protein encoded by this gene is a type III transmembrane protein of the TNFR (tumor necrosis factor receptor) superfamily, and contains cysteine-rich repeats and a single transmembrane domain. This protein binds to the EDA-A2 isoform of ectodysplasin, which plays an important role in maintenance of hair and teeth. Alternatively spliced transcript variants encodes distinct protein isoforms. [provided by RefSeq, Apr 2016]