

Product datasheet for **MG224311**

Eda (NM_001177941) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eda (NM_001177941) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Eda
Synonyms: Ed1; Eda-A1; Eda-A2; EDA1; HED; Ta; tabby; Tnlg7c; XLHED
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG224311 representing NM_001177941
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGGCTACCCAGAGGTAGAGCGCAGGGAACCCCTGCCTGCGGCAGCGCCAAGGGAGCGGGCAGCCAGG
 GCTGCGGCTGTCGCGGGGCCCTGCTCGGGCGGGCAAGGGAACAGCTGCCGGCTCTTCTGGGTTTCTT
 TGGCCTCGCTGGCCCTCCACCTGCTGACGCTGTGCTGCTACCTAGAGTTGCGGTCCGAATTGCGGCGG
 GAACGGGGAACCGAGTCCCGCTCGGTGGCCCGGGTCTCCTGGCACCTCTGGCACCTAAGCAGCCCTG
 GGAGCCTCGACCCGGTGGTCCCATCACCCGCCACCTGGGGCAGCCGTCCTTTCAACAGCAGCCTTTGGA
 ACCGGGAGAAGATCCACTCCCCCTGACTCCCAGGACCGGACCAGATGGCCCTCCTGAATTTCTTCTTT
 CCTGATGAAAAGGCATATTCTGAAGAGGAAAGTAGGCGTGTTTCGCGCAATAAGAGAAGCAAAAGTGGT
 AAGGAGCAGATGGAAAGAAGGCAGGGCCACCTGGGCCAACGGCCCCCAGGACCTCCAGGACCTCCGGG
 ACCCCAGGGACCTCCAGGGATCCAGGAATTCCTGGGATCCAGGAACAACCTGTTATGGGACCACCTGGC
 CCACCTGGCCCTCCTGGTCTCAAGGACCCCTGGCCTCAAGGACCTTCTGGTGTCTGATAAACTG
 GAACTCGGAAAAATCAGCCAGCTGTGGTGCATCTGCAGGGCAAGGGTCAGCAATTAAGTCAAAAATGG
 TGGAGTGTCAATGACTGGTCTCGCATCACTATGAACCCTAAGGTGTTAAACTACATCCCCGACGCGG
 GAGCTGGAGGACTGGTGGACGGCACCTACTTCATCTATAGTCAGGTCTACTACATCAACTCACTGACT
 TTGCCAGCTACGAGGTGGTGGATGAGAAGCCCTTCTGCAAGTGCACCCGAGCATTGAGACAGGGAA
 GACCAACTACAACACTTGTATACTGCAGGCGTGTGCCTCCTCAAGGCCAGGCAGAAAATCGCCGTGAAG
 ATGGTGCACGCTGACATCTATCAATATGAGCAAGCACACCACCTTCTCGGGGCCATCAGGCTGGGCG
 AAGCCCTGCATCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001177941.1](#), [NP_001171412.1](#)

RefSeq Size: 4916 bp

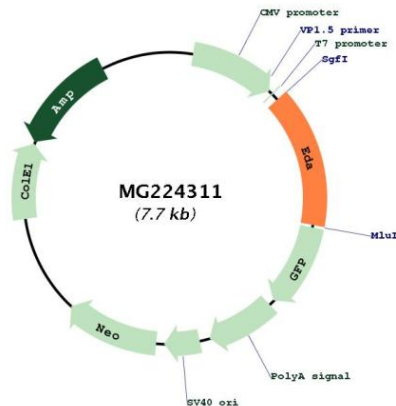
RefSeq ORF: 1137 bp

Locus ID: 13607

Cytogenetics: X 43.59 cM

Gene Summary: Cytokine which is involved in epithelial-mesenchymal signaling during morphogenesis of ectodermal organs. Functions as a ligand activating the DEATH-domain containing receptors EDAR and EDA2R. Isoform TAA binds only to the receptor EDAR, while isoform TA-A2 binds exclusively to the receptor EDA2R (By similarity). May also play a role in cell adhesion (PubMed:10534613).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG224311