

Product datasheet for MR223492

Eda (NM_001177940) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eda (NM_001177940) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Eda
Synonyms:	Ed1; Eda-A1; Eda-A2; EDA1; HED; Ta; tabby; Tnlg7c; XLHED
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223492 representing NM_001177940 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTACCCAGAGGTAGAGCGCAGGGAACCCCTGCCTGCGGCAGCGCCAAGGGAGCGGGGAGCCAGG
GCTGCGGCTGTCGCGGGGCCCTGCTCGGGCGGGCAAGGGAACAGCTGCCGGCTCTTCTGGGTTTCTT
TGGCCTCGCTGGCCCTCCACCTGCTGACGCTGTGCTGCTACCTAGAGTTGCGGTCCGAATTGCGGCGG
GAACGGGAACCGAGTCCCGCTCGGTGGCCCGGGTGTCTCTGGCACCTCTGGCACCTAAGCAGCCCTG
GGAGCCTCGACCCGGTGGGTCCCATCACCCGCCACCTGGGGCAGCCGTCTTTCAACAGCAGCCTTTGGA
ACCGGGAGAAGATCCACTCCCCCTGACTCCCAGGACCGGCACCAGATGGCCCTCCTGAATTTCTCTTT
CCTGATGAAAAGGCATATTCTGAAGAGGAAAGTAGGCGTGTTTCGCCGAATAAGAGAAGCAAAAGTGGTG
AAGGAGCAGATGGAAAGAAGGCAGGGCCACCTGGGCCAACGGCCCCAGGACCTCCAGGACCTCCGGG
ACCCAGGGACCTCCAGGGATCCAGGAATTCCTGGGATTCAGGAACAACCTGTTATGGGACCACCTGGC
CCACCTGGCCCTCCTGGTCTCAAGGACCCCTGGCCTCAAGGACCTTCTGGTGTCTGATAAACTG
GAACTCGGAAAAATCAGCCAGCTGTGGTGCATCTGCAGGGCAAGGGTCAGCAATTAAGTCAAAAATGA
TCTTTTCAGGTGGAGTGTCAATGACTGGTCTCGCATCACTATGAACCTAAGGTGTTAACTACATCCC
CGCAGCGGGGAGCTGGAGTACTGGTGGACGGCACCTACTCATCTATAGTCAGGTAGAAGTCTACTACA
TCAACTTCACTGACTTTGCCAGCTACGAGGTGGTGGATGAGAAGCCCTTCTGCAGTGCACCCGCAG
CATTGAGACAGGGAAGACCAACTACAACACTTGTATACTGCAGGCGTGTGCCTCCTCAAGGCCAGGCAG
AAAATCGCCGTGAAGATGGTGCACGCTGACATCTCATCAATATGAGCAAGCACACCACCTTCTCGGGG
CCATCAGGCTGGGCGAAGCCCTGCATCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001177940.1](#), [NP_001171411.1](#)

RefSeq Size: 4931 bp

RefSeq ORF: 1152 bp

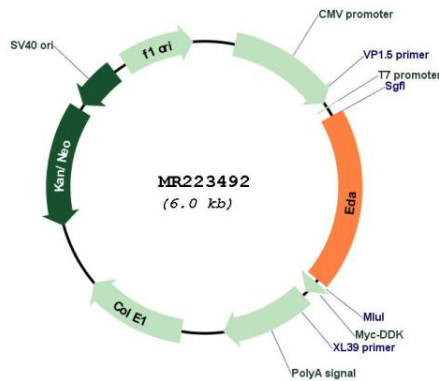
Locus ID: 13607

Cytogenetics: X 43.59 cM

MW: 41.2 kDa

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 MR223492