

Product datasheet for MC208415

Eda (NM_001177937) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eda (NM_001177937) Mouse Untagged Clone
Tag:	Tag Free
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)
Fully Sequenced ORF:	>MC208415 representing NM_001177937 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTACCCAGAGGTAGAGCGCAGGGAACCCCTGCCTGCGGCAGCGCCAAGGGAGCGGGCAGCCAGG
GCTGCGGCTGTCGCGGGGCCCTGCTCGGGCGGGCAAGGGAACAGCTGCCGGCTCTTCTGGGTTTCTT
TGGCCTCGCTGGCCCTCCACCTGCTGACGCTGTGCTGCTACCTAGAGTTGCGGTCCGAATTGCGGCGG
GAACGGGAACCGAGTCCCGCTCGGTGGCCCGGTGCTCCTGGCACCTCTGGCACCTAAGCAGCCCTG
GGAGCCTCGACCCGGTGGTCCCATCACCCGCCACCTGGGGCAGCCGTCCTTTCAACAGCAGCCTTTGGA
ACCGGGAGAAGATCCACTCCCCCTGACTCCAGGACCGGACACAGATGGCCCTCCTGAATTTCTTCTTT
CCTGATGAAAAGGCATATTCTGAAAGAGGAAAGTAGGCGTGTTTCGCCGAATAAGAGAAGCAAAAGTGGT
AAGGAGCAGATGGTCTGTTAAAAACAAGAAAAGGAAAGAGGAGGAGGACCTGGGCCAACGGCC
CCCAGGACCTCCAGGACCTCCGGGACCCAGGGACCTCCAGGGATTCCAGGAATTCCTGGGATTCCAGGA
ACAACCTGTTATGGGACCACCTGGCCACCTGGCCCTCCTGGTCTCAAGGACCCCTGGCCTCAAGGAC
CTTCTGGTGTGCTGATAAACTGGAACCTCGGAAAATCAGCCAGCTGTGGTGCATCTGCAGGGCCAAGG
GTCAGCAATCAAGTCAAAAATGATCTTTCAGGTGGAGTGTCAATGACTGGTCTCGCATCACTATGAAC
CCTAAGGTGTTAAACTACATCCCGCAGCGGGAGCTGGAGTACTGGTGGACGGCACCTACTTCATCT
ATAGTCAGGTCTACTACATCAACTTCACTGACTTTGCCAGCTACGAGGTGGTGGATGAGAAGCCCTT
CCTGCACTGACCCCGCAGCATTGAGACAGGGAAGACCAACTACAACACTTGTATACTGCAGGCGTGTGC
CTCCTCAAGGCCAGGCAGAAAATCGCCGTGAAGATGGTGCACGCTGACATCTCTATCAATATGAGCAAGC
ACACCACCTTCTCGGGGCCATCAGGCTGGGCGAAGCCCTGCATCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001177937
Insert Size:	1170 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_001177937.1 , NP_001171408.1
RefSeq Size:	4949 bp
RefSeq ORF:	1170 bp
Locus ID:	13607
UniProt ID:	O54693
Cytogenetics:	X 43.59 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an in-frame small segment in the CDS, as compared to variant 1. The resulting isoform (2) lacks two internal aa, as compared to isoform 1.</p>