

Product datasheet for RC215628L3

OriGene Technologies, Inc.

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EDA (NM_001005610) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: EDA (NM_001005610) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: EDA

Synonyms: ECTD1; ED1-A1; ED1-A2; EDA-A1; EDA-A2; EDA1; EDA2; HED1; HED1; ODT1; STHAGX1;

TNLG7C; XHED; XLHED

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

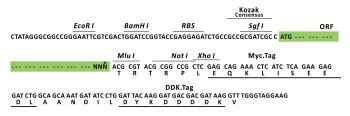
The ORF insert of this clone is exactly the same as(RC215628).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM 001005610

ORF Size: 534 bp





EDA (NM_001005610) Human Tagged Lenti ORF Clone - RC215628L3

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.

RefSeq: <u>NM 001005610.1</u>, <u>NP 001005610.1</u>

 RefSeq Size:
 1089 bp

 RefSeq ORF:
 408 bp

 Locus ID:
 1896

 UniProt ID:
 092838

Cytogenetics: Xq13.1

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

MW: 19 kDa

Gene Summary: The protein encoded by this gene is a type II membrane protein that can be cleaved by furin

to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor

family, acts as a homotrimer and may be involved in cell-cell signaling during the

development of ectodermal organs. Defects in this gene are a cause of ectodermal dysplasia,

anhidrotic, which is also known as X-linked hypohidrotic ectodermal dysplasia. Several transcript variants encoding many different isoforms have been found for this gene.

[provided by RefSeq, Jul 2008]