

Product datasheet for RC205058L4

ARSF (NM_004042) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ARSF (NM_004042) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: ARSF
Synonyms: ASF

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205058).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_004042

ORF Size: 1770 bp



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ARSF (NM_004042) Human Tagged Lenti ORF Clone - RC205058L4

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 004042.3</u>

RefSeq Size: 2048 bp RefSeq ORF: 1773 bp

Locus ID: 416

UniProt ID:P54793Cytogenetics:Xp22.33

Domains: Sulfatase

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

MW: 66 kDa

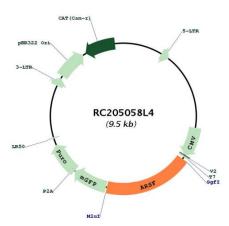
Gene Summary: This gene is a member of the sulfatase family, and more specifically, the arylsulfatase

subfamily. Members of the subfamily share similarity in sequence and splice sites, and are clustered together on chromosome X, suggesting that they are derived from recent gene duplication events. Sulfatases are essential for the correct composition of bone and cartilage matrix. The activity of this protein, unlike that of arylsulfatase E, is not inhibited by warfarin. Multiple alternatively spliced variants, encoding the same protein, have been identified.

[provided by RefSeq, Jan 2011]



Product images:



Circular map for RC205058L4