

Product datasheet for RC210079L3

ST7 (NM_021908) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ST7 (NM_021908) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ST7

Synonyms: ETS7q; FAM4A; FAM4A1; HELG; RAY1; SEN4; TSG7

Mammalian Cell Puromycin

Selection:

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

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

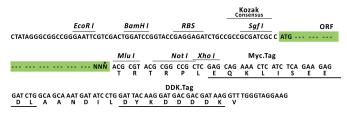
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC210079).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_021908

ORF Size: 1755 bp



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ST7 (NM_021908) Human Tagged Lenti ORF Clone - RC210079L3

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 021908.2</u>

RefSeq Size:2970 bpRefSeq ORF:1758 bpLocus ID:7982

UniProt ID: Q9NRC1

Cytogenetics: 7q31.2

Domains: ST7

Protein Families: Transmembrane

MW: 67.2 kDa

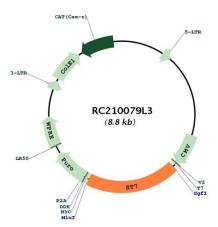
Gene Summary: The gene for this product maps to a region on chromosome 7 identified as an autism-

susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting that coding mutations for this gene are unlikely to be involved in the etiology of autism. The function of this gene product has not been determined. Transcript variants encoding different isoforms of this protein have been

described. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC210079L3