

Product datasheet for RC216288L1

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Znt6 (SLC30A6) (NM_017964) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Znt6 (SLC30A6) (NM_017964) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Znt6

Synonyms: MST103; MSTP103; ZNT6

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC216288).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_017964

ORF Size: 1383 bp





Znt6 (SLC30A6) (NM_017964) Human Tagged Lenti ORF Clone - RC216288L1

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 017964.2</u>

 RefSeq Size:
 2450 bp

 RefSeq ORF:
 1386 bp

 Locus ID:
 55676

 UniProt ID:
 Q6NXT4

Cytogenetics: 2p22.3

Domains: Cation_efflux

Protein Families: Transmembrane

MW: 50.9 kDa

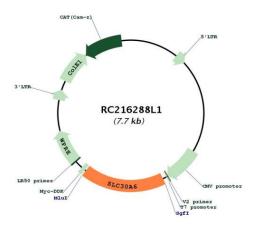
Gene Summary: This gene encodes a member of a family of proteins that function as zinc transporters. This

protein can regulate subcellular levels of zinc in the Golgi and vesicles. Expression of this gene

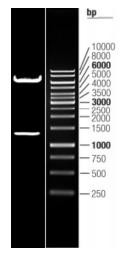
is altered in the Alzheimer's disease brain plaques. [provided by RefSeq, Aug 2016]



Product images:



Circular map for RC216288L1



Double digestion of RC216288L1 using Sgfl and Mlul