

Product datasheet for **SC329762**

Signal sequence receptor delta (SSR4) (NM_001204526) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Signal sequence receptor delta (SSR4) (NM_001204526) Human Untagged Clone
Tag: Tag Free
Symbol: SSR4
Synonyms: CDG1Y; TRAPD
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329762 representing NM_001204526.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

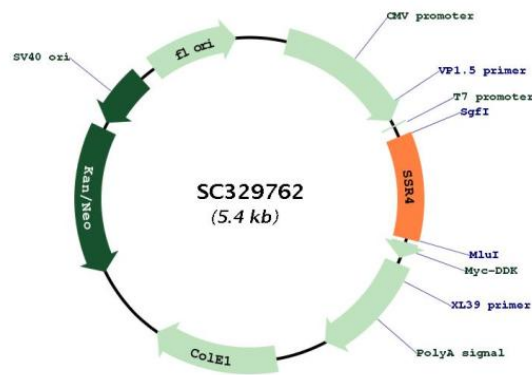
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ATGCCGCCAGCCGTTTCGGCAGAGAAGAGGCGATGGCGGCGATGGCATCTCTCGGCGCCCTGGCGCTG
CTCCTGTGTCCAGCCTCTCCCGCTGCTCAGCCGAGGCGCTGCCTGGAGCCCCAGATCACCCCTTCTCTAC
TACACCACTTCTGACGCTGTCATTTCCACTGAGACCGTCTTCATTGTGGAGATCTCCCTGACATGCAAG
AACAGGGTCCAGAACATGGCTCTCTATGCTGACGTCGGTGGAAAACAATTCCTGTCACTCGAGGCCAG
GATGTGGGGCGTTATCAGGTGCTCTGGAGCCTGGACCACAAGAGCGCCACGCAGGCACCTATGAGGTT
AGATTCTCGACGAGGAGTCCTACAGCCTCCTCAGGAAGGCTCAGAGGAATAACGAGGACATTTCCATC
ATCCCGCCTCTGTTTACAGTCAGCGTGGACCATCGGGGCACTTGGAACGGGCCCTGGGTGTCCACTGAG
GTGCTGGCTGCGGCGATCGGCCTTGATCTACTACTTGGCCTTCAGTGCGAAGGCCACATCCAGGCC
TGA
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001204526

Insert Size: 555 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [NM_001204526.1](#)

RefSeq Size: 754 bp

RefSeq ORF: 555 bp

Locus ID: 6748

UniProt ID: [P51571](#)

Cytogenetics: Xq28

Protein Families: Druggable Genome

MW: 20.2 kDa

Gene Summary: This gene encodes the delta subunit of the translocon-associated protein complex which is involved in translocating proteins across the endoplasmic reticulum membrane. The encoded protein is located in the Xq28 region and is arranged in a compact head-to-head manner with the isocitrate dehydrogenase 3 (NAD+) gamma gene and both genes are driven by a CpG-embedded bidirectional promoter. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2011]
Transcript Variant: This variant (1) encodes the longest isoform (1).