

Product datasheet for **RC233473**

Syntaxin 4 (STX4) (NM_001272095) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syntaxin 4 (STX4) (NM_001272095) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Syntaxin 4
Synonyms:	p35-2; STX4A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233473 representing NM_001272095 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCAGGAGCTGCAGAACCTGCGCGATGAGATCAAACAGCTGGGGAGGGAGATCCGCCTGCAGCTGA
AGGCCATAGAGCCCCAGAAGGAGGAAGCTGATGAGAACTATAACTCCGTCAACACAAGAATGAGAAAAAC
CCAGCATGGGGTCCTGTCCAGCAATTCGTGGAGCTCATCAACAAGTGAATTCATGCAGTCCGAATAC
CGGGAGAAGAACGTGGAGCGGATTCGGAGGCAGCTGAAGATCACCAATGCTGGGATGGTGTCTGATGAGG
AGTTGGAGCAGATGCTGGACAGTGGCAAAGCGAGGTGTTTGTGTCCAATATCCTGAAGGACACGCAGGT
GACTCGACAGGCCTTAAATGAGATCTCGGCCCGGCACAGTGAAGATCCAGCAGCTTGAACGCAGTATTCGT
GAGCTGCACGACATATCACTTTTCTGGCTACCGAAGTGGAGATGCAGGGGGAGATGATCAATCGGATTG
AGAAGAACATCCTGAGCTCAGCGGACTACGTGGAACGTGGGCAGGAGCACGTCAAGACGGCCCTGGAGAA
CCAGAAGAAGGCGAGGAAGAAGAAAGTCTTGATTGCCATCTGTGTGCCATCACCGTCGTCTCCTAGCA
GTCATCATTGGCGTCACAGTGTTGGA

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001272095.1](#), [NP_001259024.1](#)

RefSeq Size: 1630 bp

RefSeq ORF: 660 bp

Locus ID: 6810

Cytogenetics: 16p11.2

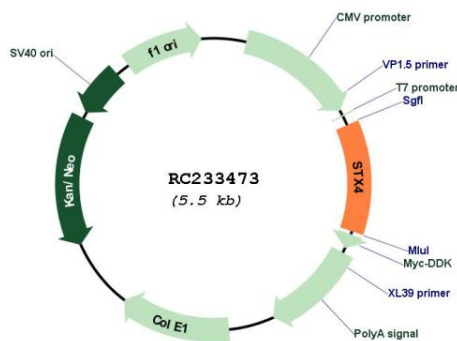
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

MW: 25.7 kDa

Gene Summary: Plasma membrane t-SNARE that mediates docking of transport vesicles. Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane. Together with STXB3 and VAMP2, may also play a role in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes (By similarity). May also play a role in docking of synaptic vesicles at presynaptic active zones.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC233473