

Product datasheet for **SC102250**

SLC7A14 (AK094547) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC7A14 (AK094547) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC7A14
Synonyms:	PPP1R142
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK094547, the custom clone sequence may differ by one or more nucleotides

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ATTGTGTGAAAAAGTCAGAACTCAGAAATGTGTCTGAAGCCAGAGCGGGGTCTGCTTACGGAGTCTAC
GCAGCGGGTAGGGGTCCACTATTGGAGTATAAACCTCAGGTCAGTGAGTAGTGCAGAGGTGCCCTAACT
TCCAATGGAGGGAAAGAGAGAGAGAGCAAAGGAAACACATCCAGAAGTCGCCACGAGGGCTGTGTGCCAGC
GCTCCATTTTCATGCTGTTTGGAAACAAGACGTGTCAAGGAAGATGTTTCTATCCAAAGTCTTCATGGAGC
CTCTGCTTCCCCTGTACCTGTGTAGCTCCCTGAAACTGAGGACCCACGTGTCTGCAAAGACCTCTGGAGA
TCCTAAGAGAGAGAGGCACCAGCAGGTAACCAGTGGTGGCCTGGCCACGAAAGAGTATTTGAAATCAAC
AGTGAGCAAGTGCAGAAACAGCATCCCAAACCGCAGGCCACCACGCAGGAACCAGAAAGCTGAAGT
TTCACCAAGGAGTTTACTTAGTATTTCTCGCTGGGAATGAGGATGGGTAGCAAAAAGCCCCTTTCATGTA
CATAATGGTTGGTCTATGTCCTACTTTTATTTTCTCTAAGAGTTTTAGAAGAAAGGCTGTTTTAATTTT
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TATGTGTTCTGCAGTATCAACTAAAACAGTGTACAAAATCATTAAACTGGGCCGGGCGCAGTGGCTCATG
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ATTCCATGTAGTCACATCATCTGATGACAGGACTCCACATTCTAGCTTTTCTCACTGTGAAAAGAAACG
TACTGTTTAATTAATATCCAAAGTTATAAATACAGCTTGTAATTTTACTAACTGTTTCTTTTTCGTT
TCGTCCTTGAGAAGTACAACCTGCAATTTACAGATGGTAATTCCTAGTGTGTTCTCTGCTATCTTTTTT
GGTATGAAATTGCTGTATTTGTTAAAGTTTGTTCGTTTTGTGGTTTTAATTCCTTGGTGTGCTGTAC
AATGTAGTGTATCATGAAGAAAGAAATAATATGCAGATGTATTATGAAATGTGTTTTATTTTCAAATGTG
TGGTGTGACAATATATTGATTTATCAAGATACTAAGGGAAAATTCTAAATTTAACAAAATGTGTATATT
TTAATAAATGCATAAAGCTTT
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK094547 unedited
 GGGTTTCATCATTAGTAATACGACTCATATAGGCGGCCGCAAATTCGCACGAGGGGAA
 AGTCCGCGNAGGGCCAAACACAGGTTTACCTAATTATGAATCTCAGATTAGAATGTCTT
 ATTGTGTGAAAAGTCAAGAACTCAGGAAATGTGTCTGAAGCCAGAGCGGGGTCTGCTTA
 CGGAGTCTACGCAGCGGGTAGGGGTCCACTATTGGAGTATAAACCTCAGGTCAGTGAGTA
 GTGCAGAGGTGTCCCTAACTTCCAATGGAGGAAAGAGAGGAGAGCAAAGGAAACACATC
 CAGAAGTCGCCACGAGGGCTGTGTGCCAGCGCTCCATTTTCATGCTGTTTGAACAAGAG
 GTGTCAAGGAAGATGTTTCTATCCAAGTCTTCATGGAGCCTCTGCTTCCCTGTACCTG
 TGTAGCTCCCTGAAACTGAGGACCCACGTGTCTGCAAAGACCTCTGGAGATCCTAAGAGA
 GAGAGGCACCAGCAGGTAACCAGTGGTGGCCTGGCCACGAAAGAGTATTTGAAATCAAC
 AGTGAGCAAGTGCAGAAACAGCATCCCAAACCGCAGGCCACCACACGCAGGAACCAGA
 AAGCTGAAGTTTACCAAGGAGTTTACTTAGTATTTCTCGCTGGGAATGGGGATGGGTAG
 CAAAAAGCCCCTTCATGTACATAATGGNTGGGCCATATGCCTACTTTTATTNTCTCTA
 TAAGAGTTTAGAAGAAAGCTGTTNTATTTTTTTTTCTCCTTAAGAGCAACTTCCTTTTAA
 ANATGCTTCTCTTCTTGTCTGCTTGGAGTATGCAAGCATCATTCTGAAATCATTCTGAA
 NNCAGCTAGCAGTCGCCTTTTGCCAAATTACTTACTTCAGAAAAATAGAGTGTTCTTTT
 TTTAGACTTAGACCCACANGGGTGAAGTA

3' Read Nucleotide Sequence:

>OriGene 3' read for AK094547 unedited
 NAAATCACTGTGNACCGCGCCTTATNCTANGATCGAGTTTTTTTTTTTTTTTTTTTAA
 AGGCACACAATAAAGCTTTATGCATTTATTAATAATACACATTTTGTAAATTTAGAAT
 TTTCCCTTAGTATCTTGATAAATCAATATATTGTCAACACCACATTTGAAAATAAAC
 ACATTTTATAATACATCTGCATATTATTTCTTTCTTCATGATACACTACATTGTACAGCA
 CACCAATGGGAATTAATAACCAAAAACGAACAACTTTAACAATAACAGCAATTTTCATA
 CCAAAAAAAGATAGCAGAGAACAACACTAGGAATTACCATCTGTAATGCAAGTTGACT
 TCTCAAGGACGAAACGAAAAAGAAACAAGTTAGTAAATTTACAAGCTGTATTTAACT
 TTGGATATTAATTAACAGTAACGTTTCTTTCCACAGTGAGAAAAGCTAGAATGTGGAG
 TCCTGTATCAGATGATGTGACTACATGGAATGAGGACTATAGCTGCTCTTTAAAAACC
 TGCAGCCCCCTCTCAGCCCAGACAGTTGAGGATTTTATGCACCATCATAACATTAACA
 GCATCTTTGCTTTGAAAAGTGGGGTTTATGATTTCTAGGGTAAATCCTCGCCTTTGGGA
 GTGTGAATGAGACAAGCGTATCAGCAACTGCCAAGACCAATCAATAGATGTGCATGGAAC
 ATTCTCTTTCTCCCAAATCAGAATGAACACAGTCTTTAAAGTCTGCACTGCAGGTGAA
 ATTCACATGACTCACAATCCCCTTTAACCAATGTTACCCAATTCAGTGTCCAGAAAAC
 TTCCAGAAAAAAGCCACGATTGGGGTTCTCCCTTAAAAATCCCGCTGCCCC
 TGTGTCCTAACTTTTA

Restriction Sites:

NotI-NotI

ACCN:

AK094547

Insert Size:

2500 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: [AK094547.1](#)

RefSeq Size: 2191 bp

RefSeq ORF: 2191 bp

Locus ID: 285264

Cytogenetics: 3q26.31