

## Product datasheet for **SC203123**

### **HOMER3 (NM\_001145724) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	HOMER3 (NM_001145724) Human 3' UTR Clone
Symbol:	HOMER3
Synonyms:	HOMER-3; VESL3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145724
Insert Size:	282 bp
Insert Sequence:	>SC203123 3'UTR clone of NM_001145724 The sequence shown below is from the reference sequence of NM_001145724. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> CTGGCCCCCTGGCTGAGGCTGCGCCC <b>TGA</b> GCCGGGGCTGGTTTTCTATGAACGATTCCGGCCTGGGAT GCGGGCCAGGCTGCAGGCGGCATAGTTGGGCCATTTCGTCCTGGAAGGGACTGGGGGTCCCAACTTA GCCCTGGGTGGCCGGCCGGGCTGGGCTGGGGTGGGCCCCAGTCGGCTCTGGTTGTTGGCAGCTTTGG GGCTGTTTTT <b>GAGCTTCTCATTGTGTAG</b> AATTTCTAGATCCCCGATTACATTTCTAAGCGTGGCAAAA AAAAAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATT <b>CGAAGAAA</b> ATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_001145724.1</a></u>



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**Summary:**

This gene encodes a member of the HOMER family of postsynaptic density scaffolding proteins that share a similar domain structure consisting of an N-terminal Enabled/vasodilator-stimulated phosphoprotein homology 1 domain which mediates protein-protein interactions, and a carboxy-terminal coiled-coil domain and two leucine zipper motifs that are involved in self-oligomerization. The encoded protein binds numerous other proteins including group I metabotropic glutamate receptors, inositol 1,4,5-trisphosphate receptors and amyloid precursor proteins and has been implicated in diverse biological functions such as neuronal signaling, T-cell activation and trafficking of amyloid beta peptides. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]

**Locus ID:**

9454

**MW:**

9.4