

Product datasheet for **SC203119**

HOMER3 (NM_001145721) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HOMER3 (NM_001145721) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HOMER3
Synonyms:	HOMER-3; VESL3
ACCN:	NM_001145721
Insert Size:	282 bp
Insert Sequence:	>SC203119 3'UTR clone of NM_001145721 The sequence shown below is from the reference sequence of NM_001145721. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGGCCCGCCTGGCTGAGGCTGCGCCC TGA GCCGGGGCTGGTTTTCTATGAACGATTCCGGCCTGGGAT GCGGGCCAGGCTGCAGGCGGCATAGTTGGGCCCATTCGTCTTGAAAGGGACTGGGGGTCCCACTTA GCCCTGGGTGGCCGGCCGGGCTGGGCTGGGGTGGGCCCAAGTCGGCTCTGGTTGTTGGCAGCTTTGG GGCTGTTTTGAGCTTCTCATTGTGTAGAATTTCTAGATCCCCGATTACATTTCTAAGCGTGGCAAAA AAAAAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
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>NM_001145721.1</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