

Product datasheet for **SC210823**

Gephyrin (GPHN) (NM_001024218) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Gephyrin (GPHN) (NM_001024218) Human 3' UTR Clone
Symbol:	Gephyrin
Synonyms:	GEPH; GPH; GPHRYN; HKPX1; MOCODC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001024218
Insert Size:	896 bp
Insert Sequence:	>SC210823 3'UTR clone of NM_001024218 The sequence shown below is from the reference sequence of NM_001024218. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGATGTCATGGTCATTGGACGGCTATGATGGTCACCAGCAGGAGAAAGCTTTGATGCATGTCCACAT
ATCATTGACTGTATCCTGTAATATGCAACGGCACAGCTAGTTTTCCCGATTTGGATAAAAGTTGATCTG
TATAGTCAACATCTTGAACATATTTCAAATGAATTTAAATATCTTTAAAGAAAAAACACCTAAAAA
TAAATCTTAACAGAAAATTCTGTTCTGATTATATCAAGGCAAATTTTCTTTCTTGCAAATTGCTTTG
TGTGTTCAATGCTAGGTCTGATAGCGATAGCTTTTAGTAGACAGCGGTAGGTGCCTGCAGAACTTGTGT
TTTTCTCATCTTTAAAATACAACACTTATGCTCTTAAATCAAGGCTGTCTGCTTATTTATACTAGCGT
AGGCAACACTTGGATTTCCCTTCTTAGTATGCTTCATACTGCTTTACAGAGAGCTTTTGCTTGTCTT
TCTCATGTATCTCGTGTTATGTGCACAGTGCCAAAAGAAGACTGACTGGGTGGAGGCTCTGCCTTGCC
TCAAGAACCATCCCCTGCAGAGCATCCAGGGAGGTTTCTCGCCCAATAGCCTCACGGCACAGTACTCT
TGGGCAGTAACTGGACACCTTTTATTTGAAGAAACAACTGAAGAAAAATGCTTCTTAAAGTGTGAC
AGCCTTTTTAACCAATACATTTAAAATTGTACAGAACAAAAAATAAAATCAAAGACTGATCTTGTACA
GATATTAGTGTACCAGCATTGATGGAATCAAGAGCAAAGACAAAATATGTTAAACAATTCTGTGA
CCATAACATTTTCTGTAATGATACTGAAACTTAATGAATAAAAAAATTCCTTGATCATTATTTAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

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_001024218.2</u>
Summary:	This gene encodes a neuronal assembly protein that anchors inhibitory neurotransmitter receptors to the postsynaptic cytoskeleton via high affinity binding to a receptor subunit domain and tubulin dimers. In nonneuronal tissues, the encoded protein is also required for molybdenum cofactor biosynthesis. Mutations in this gene may be associated with the neurological condition hyperplexia and also lead to molybdenum cofactor deficiency. Numerous alternatively spliced transcript variants encoding different isoforms have been described; however, the full-length nature of all transcript variants is not currently known. [provided by RefSeq, Jul 2008]
Locus ID:	10243
MW:	34.4