

Product datasheet for **SC215897**

GLRB (NM_001166061) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GLRB (NM_001166061) Human 3' UTR Clone
Symbol:	GLRB
Synonyms:	HKPX2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001166061
Insert Size:	1681 bp



[View online »](#)

Insert Sequence: >SC215897 3'UTR clone of NM_001166061
 The sequence shown below is from the reference sequence of NM_001166061. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTGCTGCCAGAGTGCCCTGGGTTGGTGAGACCAGATGCAAAAAAGTTTGTACTTCTAAGTCTGATCT
GAGATCTAATGACTTCAGCATTGTTGGAAGCTTACCAAGAGATTTTGAATATCCAATTATGACTGCTA
TGGAAAACCCATTGAAGTTAACACGGACTTGGGAAATCTCAGGCTAAGAACAACAAGAAGCCTCCCC
TGCGAAACCTGTTATTCCAACAGCAGCAAAGCGAATTGATCTTTATGCAAGAGCATTGTTTCCTTTCTG
CTTCTTGTCTTCAATGTTATATATTGGTCTATATTTTATGATAAATCTTTTCCATTTGTACAAAAATA
AAATTCATTTTCAATGTGACCTACTCTTTTATAAATGCCAATCTGTGAGAACTTTTGAATTTTCATAG
CAACATTGCATTTTGGATGCCATTTGATTGTAATAAACTGTGGCACCTAATTTTGAATGCCAGCATG
ATCATGTAATATCTGTGCTCTAATAACGATGTATATATGTATAGTGAACATATTGCTTAGTAACAAATG
AAGGACAAGCATACTACATAATAATCCATACAATTCTCTTCAGTTAGTGTAACTGCAAACTACTACA
GATAATCTGATAATAAAATGATATGCACGCTGAATCCTGCTATGGTCACCATTCTAATGTATGTAGTA
TTTCAAATTTCTTCTTGTAACTTTCAAAGAAAGCCATCTTATTCTTGTAAAATTTTAGATGGTATTA
TCACAGATTTAAAAGGTTGTATTACATATTGTTAACTTTGTAAGTAGAAATATATCTGTTATAAATT
ATACAGGCTCTGTGGAGAAATAAAGTTCAAAATATATTAATTTGTAAGTAACTCAGCTCGTTTTAAAGTGTG
CTTGTGTTGTCAAAAATACAGATAGTAATACACAGTGAGCATTTTTAAACAAAGGGAAACCTATATTT
ATGTAAGTGTATACTGAATTCGACAAAATAAAAAAGATACCTTATTGACGAAAATTTTAGGATAAAC
AAAATTTCTATTTAATCCACCTTAAAACCTAAAATGATTTTTCATGGATTTTCAATTTGTTGATACATTAC
ACAAAACATTGTGCCTTAAAATGAGTCATACATCTTTTAAATTTGAATGCAGTAATAGATATGTGATTT
TACATCATTTTTAAGAAACCAAGGGGAAGTAATAAGTTGAAAAAGAAATCCATAACTATTAAGGATTT
TAACTTTTTTATTTTATTAATGCTTGCATATTTTAAAGTAAAATTAATAATGTTTACTGAATTTATTT
TTTTATTTGAATATTTTGGGATTAGTTACAAAATATTTAGAGATTAATAATAATAGCTTTGTTTGTG
TTAGACTTCACTTCTACTTGTATTTTCTTCTTGTAAAAGTCTAGACAAGTACTGAGATTTACTTACTTTG
AACTTGTTCCAATCCAAAAGTAAGCACTAAGTCTCATTATGAGACCACCATTCTTAATATCACATC
CAGTGCACCTTTGCTTTCTGCCATATCTGAAATAAACTATCAGTAATTCACATAGATAAACATAAGA
CTAAAGAAGTATATTTACATTATCTGGAGAGTTTGTGTCAGCTACGAGTTTGTATGGCAAATTCATA
ATAAAGTATTGTTTATGCAAATTGC
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCACCAGCCGCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-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: [NM_001166061.2](#)

Summary:	This gene encodes the beta subunit of the glycine receptor, which is a pentamer composed of alpha and beta subunits. The receptor functions as a neurotransmitter-gated ion channel, which produces hyperpolarization via increased chloride conductance due to the binding of glycine to the receptor. Mutations in this gene cause startle disease, also known as hereditary hyperekplexia or congenital stiff-person syndrome, a disease characterized by muscular rigidity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]
Locus ID:	2743
MW:	66