

Product datasheet for **SC207096**

KHDRBS3 (NM_006558) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KHDRBS3 (NM_006558) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KHDRBS3
Synonyms: Etle; etoile; SALP; SLM-2; SLM2; T-STAR; TSTAR
ACCN: NM_006558
Insert Size: 556 bp
Insert Sequence: >SC207096 3'UTR clone of NM_006558
The sequence shown below is from the reference sequence of NM_006558. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACAGAGACCAGCCATATGGCAGATACTGATTGTACTGTCTGATGTTGTGAAATAGCCAATCTCCACCA
GTCCTGTATACTGTTCAAAGTAATTTTTCTATGAACAATCCCTTTTTAAATAAATCAGAATGCTTAA
AATCTGAATGGATGGAACCTAAAACTACTTTGTTGAAACATCAACCTGGGCAGAAAAAAAAAAAAAAG
ACATGTAAAAATTTGTTATTTCCAGTCTGTATATGAAAAATAGTTCATCAAAAGGAAAAAAAAAATACT
TTGATTAAGTGTAAACAAAAATAGGTTTACTAAATATGTTAATCTATTCTTTAACATAAGCCT
CACCTTTCATTTAAAGTTTCCATAGAATTTAGTTATTTTATCTTTCAGCCATATGCTAGTTTTTTTT
TCTCTTGCCAACATGCGTAAAAAGGGAAGCAATTACAAGTGCAAATAATGTGGTATTCTTTGTAAGT
CAAGTCTTGAATGTTCTGTAGTGTAAAGCAAAGTCTCCTCTTGCTTGATACTAAATAAACTTTTGAAA
GAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM_006558.3](#)

Summary: RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. Binds preferentially to the 5'-[AU]UAAA-3' motif in vitro. Binds optimally to RNA containing 5'-[AU]UAA-3' as a bipartite motif spaced by more than 15 nucleotides. Binds poly(A). RNA-binding abilities are down-regulated by tyrosine kinase PTK6 (PubMed:10564820, PubMed:19561594, PubMed:26758068). Involved in splice site selection of vascular endothelial growth factor (PubMed:15901763). In vitro regulates CD44 alternative splicing by direct binding to purine-rich exonic enhancer (By similarity). Can regulate alternative splicing of neurexins NRXN1-3 in the laminin G-like domain 6 containing the evolutionary conserved neurexin alternative spliced segment 4 (AS4) involved in neurexin selective targeting to postsynaptic partners such as neuroligins and LRRTM family members (PubMed:26758068). Targeted, cell-type specific splicing regulation of NRXN1 at AS4 is involved in neuronal glutamatergic synapse function and plasticity (By similarity). May regulate expression of KHDRBS2/SLIM-1 in defined brain neuron populations by modifying its alternative splicing (By similarity). Can bind FABP9 mRNA (By similarity). May play a role as a negative regulator of cell growth. Inhibits cell proliferation.[UniProtKB/Swiss-Prot Function]

Locus ID: 10656

MW: 21.7