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Product datasheet for SC209155

HBS1L (NM_001145207) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	HBS1L
Synonyms:	EF-1a; eRF3c; ERFS; HBS1; HSPC276
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145207
Insert Size:	723 bp

Insert Sequence:

>SC209155 3'UTR clone of NM_001145207
The sequence shown below is from the reference sequence of NM_001145207. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATCAAAAAAAAAGCATTTACTAGAGAATAGTAACAAAAGGAAAACTTGATTGCTGTTGTAGAGCTTTTT
ATTTTTAATTAAAGTCTTCAGAGGATCACTTTATATTATGGGATTCAAATTCTGATTTTTATGAAAATT
GTCGTAGGTCAGTTGATTAGTTGATACGTATTTTTGCACTGATTTTTTTTTTTAACTATGTCTTCTTTCA
GTGATAACTGGCTTTATTTAAGTTGGTAACCTATACTGAGTATATGTTTACAAAGTGGATATGGAAACT
TGATGTTGTGAAATCAGACCTCATATATTTTTGTTTGAAGCATTCAACTTTCTATGTTTTTTATAATGA
AATATTTTTTTCTATGAAATATTTTTGTGCTTTGTTCTTAAACGAAAATGCCAGCACTTGGGATTATTA
TAGTTTAGTGTGAAGATTATTCTTATGTGGCACAGCATAACTGAGATGTTATATTTTAAAATATGATAT
AATTCCTAGTTTCATTATTTTTCTGTAAATACTAAAATTTTTCTATTAGAAAATCTTAAAATTCCTGAC
TTTTGAGAGTACTGTGGAGATTGTTGAAATACATTTTTGATAATAATAAAATGAAAATCTTTTAAGGGA
CCATGTAAATATAGAAGTTGGATTAATATGTGAATTATTTTTATACATTTTTAAAAACCATTTGTCCTA
AGTATACACTTTAAAATAAATATATAAAAAGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001145207.2

Summary: This gene encodes a member of the GTP-binding elongation factor family. It is expressed in multiple tissues with the highest expression in heart and skeletal muscle. The intergenic region of this gene and the MYB gene has been identified to be a quantitative trait locus (QTL) controlling fetal hemoglobin level, and this region influnces erythrocyte, platelet, and monocyte counts as well as erythrocyte volume and hemoglobin content. DNA polymorphisms at this region associate with fetal hemoglobin levels and pain crises in sickle cell disease. A single nucleotide polymorphism in exon 1 of this gene is significantly associated with severity in beta-thalassemia/Hemoglobin E. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, May 2009]

Locus ID: 10767

MW: 29