

Product datasheet for SC205157

HLAG (HLA-G) (NM_002127) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HLAG (HLA-G) (NM_002127) Human 3' UTR Clone
Symbol:	HLAG
Synonyms:	MHC-G
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002127
Insert Size:	312 bp
Insert Sequence:	<p>>SC205157 3'UTR clone of NM_002127</p> <p>The sequence shown below is from the reference sequence of NM_002127. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GTGCTGTGGAGAAAGAAGAGCTCAGATTGAAAAGGAGGGAGCTACTCTCAGGCTGCAATGTGAAACAGC
TGCCCTGTGTGGGACTGAGTGGCAAGTCCCTTTGTGACTTCAAGAACCCTGACTCCTCTTGTGCAGAG
ACCAGCCCACCCCTGTGCCCACCATGACCCTCTTCCTCATGCTGAACTGCATTCTTCCCAATCACCT
TTCCTGTTCCAGAAAAGGGGCTGGGATGTCTCCGTCTGTCTCAAATTTGTGGTCCACTGAGCTATAA
CTTACTTCTGTATTAAATAGAACTGAGTATAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002127.6


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Summary: HLA-G belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-G is expressed on fetal derived placental cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domain, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exon 6 encodes the cytoplasmic tail. [provided by RefSeq, Jul 2008]

Locus ID: 3135

MW: 11.5