

Product datasheet for **SC201185**

HLAF (HLA-F) (NM_001098478) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HLAF (HLA-F) (NM_001098478) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HLA-F
Synonyms:	CDA12; HLA-5.4; HLA-CDA12; HLAF
ACCN:	NM_001098478
Insert Size:	147 bp
Insert Sequence:	>SC201185 3'UTR clone of NM_001098478 The sequence shown below is from the reference sequence of NM_001098478. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGAGGGAGCTACTCTCAGGCTGCAGTGTGAGACAGCTTCCTTGTGTGGGACTGAGAAGCAAGATATCAA TGTAGCAGAATTGCACTTGTGCCTCACGAACATACATAAAATTTAAAAATAAAGAATAAAAAATATATCT TTTTATAGA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u>NM_001098478.2</u>



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Summary:

This gene belongs to the HLA class I heavy chain paralogues. It encodes a non-classical heavy chain that forms a heterodimer with a beta-2 microglobulin light chain, with the heavy chain anchored in the membrane. Unlike most other HLA heavy chains, this molecule is localized in the endoplasmic reticulum and Golgi apparatus, with a small amount present at the cell surface in some cell types. It contains a divergent peptide-binding groove, and is thought to bind a restricted subset of peptides for immune presentation. This gene exhibits few polymorphisms. Multiple transcript variants encoding different isoforms have been found for this gene. These variants lack a coding exon found in transcripts from other HLA paralogues due to an altered splice acceptor site, resulting in a shorter cytoplasmic domain. [provided by RefSeq, Jul 2008]

Locus ID:

3134

MW:

5.8