

Product datasheet for **SC207785**

HLAE (HLA-E) (NM_005516) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HLAE (HLA-E) (NM_005516) Human 3' UTR Clone
Symbol:	HLAE
Synonyms:	HLA-6.2; QA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005516
Insert Size:	1478 bp



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Insert Sequence: >SC207785 3'UTR clone of NM_005516
 The sequence shown below is from the reference sequence of NM_005516. 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
GCCCAGGGGTCTGAGTCTCACAGCTTGTAAAGCCTGAGACAGCTGCCTTGTGTGCGACTGAGATGCACA
GCTGCCTTGTGTGCGACTGAGATGCAGGATTTCTCACGCCTCCCCTATGTGTCTTAGGGGACTCTGGC
TTCTCTTTTTGCAAGGGCCTCTGAATCTGTCTGTGTCCCTGTTAGCACAATGTGAGGAGGTAGAGAAAC
AGTCCACCTCTGTGTCTACCATGACCCCTTCTCACACTGACCTGTGTTCCCTTCCCTGTCTCTTTTC
TATTAATAAATAAGAACCTGGGCAGAGTGCAGGAGCTCATGCCTGTAATCCCAGCACTTAGGGAGGCCGA
GGAGGGCAGATCACGAGGTCAGGAGATCGAAACCATCCTGGCTAACACGGTGAAACCCCTCTCTACTA
AAAAATACAAAAATTAGCTGGGCGCAGAGGCACGGGCCTGTAGTCCCAGCTACTCAGGAGGCGGAGGC
AGGAGAATGGCGTCAACCCGGGAGGCGGAGGTTGCAGTGAGCCAGGATTGTGCGACTGCACTCCAGCCT
GGGTGACAGGGTAAACGCCATCTCAAAAAATAAAAAATTGAAAAATAAAAAAGAACCTGGATCTCAAT
TTAATTTTTTCATATTCTTGCAATGAAATGGAATGACTTGAGGAAGCTAAGATCATAGCTAGAAATACAGATAA
TTCCACAGCACATCTCTAGCAAATTTAGCCTATTCTATTCTCTAGCCTATTCTTACCCTGTAAATC
TTGACCATATACCTTGGAGTTGAATATTGTTTTTCACTGCTGTGGTTTGAATGTTCCCTCCAACACTC
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GAAGAGGAAAAGAGAAGTGAAGTGCATGCCAGCCACAGAGAGCCTCCACTAGAGTGTGCTAAGTG
GAAATGTGAGGTGCAGCTGCCACAGAGGGCCCCACCAGGAAATGTCTAGTGTCTAGTGGATCCAGGC
CACAGGAGAGAGTGCCTTGTGGAGCGCTGGGAGCAGGACCTGACCACCAGGACCCAGAACTGTGG
AGTCAGTGGCAGCATGCAGCGCCCTTGGGAAAGCTTTAGGCACCAGCCTGCAACCCATTTCGAGCAGC
CACGTAGGCTGCACCCAGCAAAGCCACAGGCACGGGGCTACCTGAGGCCTTGGGGGCCAAATCCCTGCT
CCAGTGTGTCCGTGAGGCAGCACACGAAGTCAAAAGAGATTATTCTCTTCCACAGATACCTTTTCTCT
CCCATGACCCTTAACAGCATCTGCTTCATTCCTCACCTTCCAGGCTGATCTGAGGTAACCTTTGA
AGTAAAAATAAAGCTGTGTTTGAGCATCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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.

RefSeq: [NM_005516.6](#)

Summary:

HLA-E 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-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules. 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 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. [provided by RefSeq, Jul 2008]

Locus ID:

3133

MW:

54.1