

Product datasheet for **SC108016**

HIATL1 (MFSD14B) (NM_032558) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIATL1 (MFSD14B) (NM_032558) Human Untagged Clone
Tag:	Tag Free
Symbol:	HIATL1
Synonyms:	HIATL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032558, the custom clone sequence may differ by one or more nucleotides

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ATGAGCGTGGAGCCGCCCGGAGCTGGAGGAGAAGGCGGCGTCCGAGCCCGAGGCGGGAGCCATGCCGG
AGAAGCGCGGGGCGCGCAGGCCCGGGGAGCACCTGGCTACAAGGCTTTGGCCGACCAAGTGTGTACCA
TGCTGCTATTGTCATCTTCTTGAATCTTTGCGTGGGGCCTGTTGACAACTCCAATGTTGACTGTTCTA
CATGAAACATTTTCTCAACACACATTCTCATGAATGGTCTCATTCAAGGTGTAAGGGCCTGCTCTCTT
TTTTGAGTGCCCCACTCATTGGTGCCCTGTCTGATGTGTGGGGGAGGAAGCCCTTCTCCTCGGCACTGT
ATCTTTACCTGCTTCCAATCCCCTGATGAGGATCAGCCCATGGTGGTATTTTGGCATGATTTCTGTG
TCTGGAGTCTTCTCGGTCACGTTTTCTGTTATATTTGCCTATGTAGCTGATGTCACCTCAGGAGCAGGAGC
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CAGGTCATAGGTTTTGGATCTGTTAAAATTGCAGCATTATAGCTATGGTAGGAATTCTGTCTATTGTGG
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AGCAAGGAGTTGCCAGGGGATCATAACTGGAATAAGAGGACTATGCAATGGCCTGGGGCCAGCACTGTA
TGGCTTCATATTCTACATGTTCCATGTGGAAGTACTGAGTTGGGCCCGAAATTGAATTCTAACACGTT
CCCCTGCAGGGAGCTGTCATCCCAGGCCCGCGTTTTTTATTTGGGCATGTATAGTCCTTATGCTTTTT
TGGTTGCCTTATTCATTCTGAATACAGTAAAGCCAGTGGAGTTCAAAAACACAGTAACAGCAGCAGCGG
CAGCCTGACCAACACCCAGAACGGGGCAGTGATGAGGACATTGAGCCACTACTGCAAGACAGCAGCATC
TGGGAGCTCTCTCATTTGAGGAGCCTGGGAATCAGTGCACTGAGCTGTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032558 unedited
 GTAATACGACTCACTATAGGGCCGCGCAATTCGGCACGAGGCTGTATTCTTTACCTGC
 TTCCCAATCCCCTGATGAGGATCAGCCCATGGTGGTATTTTGCATGATTTCTGTGTCT
 GGAGTCTTCTCGGTCACGTTTTCTGTTATATTTGCCTATGTAGCTGATGTCACTCAGGAG
 CACGAGCGAAGTACAGCTTATGGATGGGCTCAGCCACCTTTGCGGCTAGTCTTGTGTCAG
 AGCCCGGCCATTGGAGCATATCTTTCTGCCAGTTACGGAGACAGCCTCGTTGTGCTGGTG
 GCCACAGTGGTGGCTCTTCTGGACATCTGCTTCATCTTAGTGGCTGTTCCAGAATCTCTG
 CCTGAGAAAATGAGACCGGTTTCTGGGAGCTCAGATTTCTTGGAAACAAGCAGACCCT
 TTTGCGTCTGTTGAAGAAAGTTGAAAAAGATTCTACTGTCTTACTAATCTGCATCACCGTG
 TTTCTTTCATACCTTCTGAAGCTGGACAGTATCAAGTTTTTTTCTCTATCTCAGGCAG
 GTCATAGGTTTTGGATCTGTTAAAATTGCAGCATTATAGCTATGGTAGGAATTTCTGTCT
 ATTGTGGCTCAGACGGCCTTTCTTAGCATCTTGATGAGATCATTANGAAATAAGATTACT
 GTCCTCCTGGCTTGGGCTTCCAGATGCTCCAGTTAGCCTGGTACGGTTTTTGTACACAG
 GCCTGGATGATGTGGCAGCAGGNACCGTGGCTGCCATGTCCAGCATCACGTTTCCCGGC
 ATCAGTGCCCTCGTCTCTCGGGATGCANAGTCAGATCAGCCAAGGAGTGCCAGGGGGA
 TCATACTGGNATAAGAGGACTATNGCATGGCCCTGGGCCANCACTGNATGGCTTATATNC
 TACTGTTCCATGTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032558 unedited
 GCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTAAAAGTAACCACTGT
 AAATTTATTATGCATTAGGAAGCTTAACCTAAAAACCAATAGCATAGTAAAAAGATATGT
 TATCTCTGTTTCATAGCAGAACAGGTTTCAAATATATTTTCTTTTAAATGTATTCAGTCA
 GTACACAATCCTTTATAAAAAGTTGTATATATTTTTTTCTGTCAATACCTTCATTACATTT
 ATAAATACAAGATTTACACAGCACCCCATCAAAAAAAAAAATTAACCCCTTACAAATA
 TCTACATATATTTTATACCTATAAAAACCTTCAAAGGGGTGCTCTGTTAAAGGTGGGCCCT
 AGTTAATGGTCCATTTACTGGTGCAGCAAAAATACATATAAATCTGTAAAGTTTTCTTTGT
 CCATAAACATCTCAAAAAATAGCAAGACACTTATCGTGAAACTCAGCTTCATAAAACCT
 TATTTTAGAAAGGAACCTAATGTGCGTATTTCCATGCGATTCAAAAGTTAAACAGATTGA
 AATAAAGATGAATTGAAAACAAATGCATACTCANAGCANTTAAGGCAGGAGTGTGATGGA
 TGAGAAAAACTTTGAGAAGCAGGACATGGAAGACATGGGAAGAAGCAAATCATAATAATG
 CCTTTGAGTCTGAACCTGGATANNTAACTCACTCGTATCCAGTTACTAACTCTCATCCTA
 CTTAGGAATTNCCNNAATTGTATAAATTTCTTAGAGCAGCTACATCTCTATGTTTGCAC
 CCAGATGCTTGAGTGGTTTTTTCTTTGTAAAATACCTTGACCCACCCAGACACAGTCCA
 GAATCTGAGNTGTGAGTTTACATGATTAAGTTGATGAAATTCCTTCTCTANAAGGGATAC
 TATCATTATATGTCCAAGGTTTTGCTGAGTCCTCTGCTAGATGAAGTGAATAAGGAAT
 TGTTTTATTGACTTGACAGACGAATCTGACTGAG

Restriction Sites:

NotI-NotI

ACCN:

NM_032558

Insert Size:

3100 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_032558.1](#), [NP_115947.1](#)

RefSeq Size: 3312 bp

RefSeq ORF: 3312 bp

Locus ID: 84641

UniProt ID: [Q5SR56](#)

Cytogenetics: 9q22.32

Protein Families: Transmembrane