OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC105821

SLC35D2 (BC015146) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35D2 (BC015146) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35D2
Synonyms:	hfrc; HFRC1; SQV7L; UGTrel8
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC015146, the custom clone sequence may differ by one or more nucleotides

AGATGGCAGCCACCATAATGATACTATATGTGTCCAAGCTAAACAAAATCATTCACTTCCCTGATTTTGA
TAAGAAAATTCCTGTAAAGCTGTTTCCTCTGCCTCTCCTCTACGTTGGAAACCACATAAGTGGATTATCA
AGCACAAGTAAATTAAGCCTACCGATGTTCACCGTGCTCAGGAAATTCACCATTCCACTTACCTTACTTC
TGGAAACCATCATACTTGGGAAGCAGTATTCACTCAACATCATCCTCAGTGTCTTTGCCATTATTCTCGG
GGCTTTCATAGCAGCTGGGTCTGACCTTGCTTTTAACTTAGAAGGCTATATTTTTGTATTCCTGAATGAT
ATCTTCACAGCAGCAAATGGAGTTTATACCAAACAGAAAATGGACCCAAAGGAGCTAGGGAAATACGGAG
TACTTTTCTACAATGCCTGCTTCATGATTATCCCAACTCTTATTATTAGTGTCTCCACTGGAGACCTGCA
ACAGGCTACTGAATTCAACCAATGGAAGAATGTTGTGTTTATCCTACAGTTTCTTCTTTCCTGTTTTTTT
GGGGTTTCTGCTGATGTACTCCACGGTTCTGTGCAGCTATTACAATTCAGCCCTGACGACAGCAGTGGTT
GGAGCCATCAAGAATGTATCCGTTGCCTACATTGGGATATTAATCGGTGGAGACTACATTTTCTCTTTGT
TAAACTTTGTAGGGTTAAATATTTGCATGGCAGGGGGCTTGAGATATTCCTTTTTAACACTGAGCAGCCA
GTTAAAACCTAAACCTGTGGGTGAAGAAAACATCTGTTTGGATTTGAAGAGCTAAAGAGTCTGCAGCAGG
ATTGGAGACTGACTTGTGACTGCGGGCTGGGGGGGCATTCCCAGTAGGAATGTGAAGCCAGAGGTTTCGG
ATTCGTGACATCCACCCCCTGGGCAAGTGAGAGCATCTGCAAAATGCAAAGAGAACTACCTCATATGCAG
GACGAGCCAATGGCAGTCTCAAGAAATGTACTCGGGCGACACCTTACCTGTGGAAAGCAAATCTTTTCAA
AATAAGCCACTGGGACTCGGTAGGTGGAGCCCCAGCTGCTCTTCTAGGGACCTATGGGGCCTTCGTGGCA
TCTCTGTGCTGTGTGCTGGGGAGGAGGTTGATGTAATGGTGACTCTTTTCTGATCAGCACCTTGGCCGTG
ATTCCCAAGGTCCCAGCCAAAGCAAAGGGCCAGTTGTTTCAGTTTAAACAGACATGTCTTTAGTCTAATA
AAATTAGTTAACTGCCAGTAAAGTTATTTGTTAGCTTTGATGAAAGCTATGTTGGTATCTTTCCCTAATC
ATCAAAGTAAATAAAAAATCATTTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAA

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for BC015146 unedited
CAGATTTTGTAATACGACTTACTATAGGGCGGCCGCGNAATTCGCACGAGGCCGGGGCTG
GCGGGCGGCGGGGTCCGCGGGGCCGCAGGAGATGACGGCCGGCGGCCAGGCCGAGGCCGA
GGGCGCTGGCGGGGAGCCCGGCGCGGCGCGGCTGCCCTCGCGGGTGGCCCGGCTGCTGTC
GGCGCTCTTCTACGGGACCTGCTCCTTCCTCATCGACCTTGTCAACAAGGCGCTGCTGAC
CACCTACGGTTTCCCGTCACCAATTTTCCTTGGAATTGGACAGATGGCAGCCACCATAAT
GATACTATATGTGTCCAAGCTAAACAAAATCATTCACTTCCCTGATTTTGATAAGAAAAT
TCCTGTAAAGCTGTTTCCTCTGCCTCTCCTCTACGTTGGAAACCACATAAGTGGATTATC
AAGCACAAGTAAATTAAGCCTACCGATGTTCACCGTGCTCAGGAAATTCACCATTCCACT
TACCTTACTTCTGGAAACCATCATACTTGGGAAGCAGTATTCACTCAACATCATCCTCAG
TGTCTTTGCCATTATTCTCGGGGCTTTCATAGCAGCTGGGTCTGACCTTGCTTTTAACTT
AGAAGGCTATATTTTTGTATTCCTGAATGATATCTTCACAGCAGCAAATGGAGTTTATAC
CAAACAGAAAATGGACCCAAAGGAGCTAGGGAAATACGGAGTACTTTTCTACAATGCCTG
CTTCATGATTATCCCAACTCTTATTATTAGTGTCTCCACTGGAGACCTGCACAGGCTACT
GAATTCACCAATGGAAGAATGTTGTGTTTATCCTACAGTNTCTTCTTTCCTGTNNTTTGG
GGTTTCTGCTGATGTACTNCACGGTTCTGTGCAGCTATTACAATTCAGCCCTGACGACAG
CAGTGGGTGGAGCCATCAGCATGGCAGGGGGGCTGAGATATTCTTNNTACCTGACCANCA
GNTAAACCTAACCTGTGGNTGAGAACATTGNNTGGATT

Restriction Sites: NotI-NotI

ACCN: BC015146

Insert Size: 1800 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: BC015146.1

RefSeq Size: 1414 bp

RefSeq ORF: 1338 bp

Locus ID: 11046

Cytogenetics: 9q22.32

Protein Families: Transmembrane

Gene Summary: Nucleotide sugars, which are synthesized in the cytosol or the nucleus, are high-energy donor substrates for glycosyltransferases located in the lumen of the endoplasmic reticulum and Golgi apparatus. Translocation of nucleotide sugars from the cytosol into the lumen compartment is mediated by specific nucleotide sugar transporters, such as SLC35D2 (Suda et al., 2004 [PubMed 15082721]).[supplied by OMIM, Mar 2008]