

Product datasheet for **SC322465**

RXYLT1 (NM_014254) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RXYLT1 (NM_014254) Human Untagged Clone
Tag: Tag Free
Symbol: RXYLT1
Synonyms: HP10481; MDDGA10; TMEM5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322465
GGCTGGGCCTGCCTCGGACGCCCGGTGTCGCGGATTCTTTCCGCCCGCTCCATGGC
GGTGGATGCCTGACTGGAAGCCCGAGTGGGATGCGGCTGACGCGGAAGCGGCTCTGCTCG
TTTCTTATCGCCCTGACTGCCTATTCTCCCTCTACGCTGCCTACCACGTCTTCTTCGGG
CGCCGCCCGCAGGCGCCGCGGGTCCCGCGGGGCTCAGGAAGGGGGCGGCCCGCGG
CGGGAGAGACGCGGCCGAGAACAGTCCACTTTGAAAAGTGAAGAATGGAATCCTTGGGAA
GGAGATGAAAAAATGAGCAACAACACAGATTTAAACTAGCCTTCAAATATTAGATAAA
TCCACGAAAGGAAAAACAGATCTCAGTGTACAAATCTGGGGCAAAGCTGCCATTGGCTTG
TATCTCTGGGAGCATATTTTGAAGGCTTACTTGATCCCAGCGATGTGACTGCTCAATGG
AGAGAAGGAAAAGTCAATCGTAGGAAGAACACAGTACAGCTTCATCACTGGTCCAGCTGTA
ATACCAGGTTACTTCTCCGTTGATGTGAATAATGTGGTACTCATTTTAAATGGAAGAGAA
AAAGCAAAGATCTTTATGCCACCCAGTGGTACTTTATGCACAAAATTTAGTGCAAATT
CAAAAACTCCAGCATCTTGTCTGTTGTTTGTCTCGGAAATGAACATTGTGATAATGAGTGG
ATAAAACCATTCTCAAAGAAATGGAGGCTTCGTGGAGCTGCTTTTCATAATATATGAC
AGCCCCTGGATTAATGACGTGGATGTTTTTCAGTGGCCTTTAGGAGTAGCAACATACAGG
AATTTTCTGTGGTGGAGGCAAGTTGGTCAATGCTGCATGATGAGAGGCCATATTTATGT
AATTTCTTAGGAACGATTTATGAAAATTCATCCAGACAGGCACTAATGAACATTTTGAAA
AAAGATGGGAACGATAAGCTTTGTTGGGTTTCAGCAAGAGAACACTGGCAGCCTCAGGAA
ACAAATGAAAGTCTTAAGAATTACCAAGATGCCCTTGCCTCAGAGTGATCTCACATTTGTC
CCGGTCCGAGTAAACACAGAATGCTATCGAATCTATGAGGCTTGCTCCTATGGCTCCATT
CCTGTGGTGAAGACGTGATGACAGCTGGCAACTGTGGGAATACATCTGTGCACCACGGT
GCTCCTCTGCAGTTACTCAAGTCCATGGGTGCTCCCTTTATCTTTATCAAGAACTGGAAG
GAACTCCCTGCTGTTTTAGAAAAAGAGAAAATAAATTTACAAGAAAAAATTGAAAGA
AGAAAAATGTTACTTCAGTGGTATCAGCACTTCAAGACAGAGCTTAAATGAAATTTACT
AATATTTAGAAAAGCTCATTTTTAATGAATAATAAAAGTTAATTATCTTTTGGAGCTAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_014254
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_014254.1 , NP_055069.1
RefSeq Size:	1451 bp
RefSeq ORF:	1332 bp
Locus ID:	10329
UniProt ID:	Q9Y2B1
Cytogenetics:	12q14.2
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a type II transmembrane protein that is thought to have glycosyltransferase function. Mutations in this gene result in cobblestone lissencephaly. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>