

Product datasheet for **SC334257**

RXYLT1 (NM_001278237) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RXYLT1 (NM_001278237) Human Untagged Clone
Tag:	Tag Free
Symbol:	RXYLT1
Synonyms:	HP10481; MDDGA10; TMEM5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278237, the custom clone sequence may differ by one or more nucleotides

```
ATGCTGCATGATGAGAGGCCATATTTATGTAATTTCTTAGGAACGATTTATGAAAATTCATCCAGACAGG
CACTAATGAACATTTTGAAAAAGATGGGAACGATAAGCTTTGTTGGGTTTCAGCAAGAGAACACTGGCA
GCCTCAGGAAACAAATGAAAGTCTTAAGAATTACCAAGATGCCTTGCTTCAGAGTGATCTCACATTGTGC
CCGGTCGGAGTAAACACAGAATGCTATCGAATCTATGAGGCTTGCTCCTATGGCTCCATTCTGTGGTGG
AAGACGTGATGACAGCTGGCAACTGTGGGAATACATCTGTGCACCACGGTCTCCTGTCAGTTACTCAA
GTCCATGGGTGCTCCCTTTATCTTTATCAAGAAGTGAAGGAAGTCCCTGCTGTTTTAGAAAAAGAGAAA
ACTATAATTTTACAAGAAAAAATTGAAAGAAGAAAAATGTTACTTCAGTGGTATCAGCACTCAAGACAG
AGCTTAAATGAAATTTACTAATATTTTAGAAAGCTCATTTTTAATGAATAATAAAAGTAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001278237
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).



[View online »](#)

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_001278237.1](#), [NP_001265166.1](#)

RefSeq Size: 1973 bp

RefSeq ORF: 552 bp

Locus ID: 10329

UniProt ID: [Q9Y2B1](#)

Cytogenetics: 12q14.2

Protein Families: Transmembrane

Gene Summary: 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]
Transcript Variant: This variant (2) differs in the 5' UTR and has multiple coding region differences, compared to variant 1. These differences cause translation initiation at a downstream AUG and result in an isoform (2) with a shorter N-terminus, compared to isoform 1.