

Recombinant Human RXYLT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RXYLT1-5550H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMEM5 MS Standard C13 and N15-labeled recombinant protein (NP_055069) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	51.1 kDa
AA Sequence	MRLTRKRLCSFLIALYCLFSLYAAHVFFGRRRQAPAGSPRGLRKGAAPARERRGR EQSTLESEEWNPWEGDEKNEQQHRFKTSLQILDKSTKGKTDLSVQIWGKAAIGLYL WEHIFEGLLDPSDVTAQWREGKSIVGRTQYSFITGPAVIPGYFSVDVNNVVLILNGRE KAKIFYATQWLLYAQNLVQIQKLQHLAVLLGNEHCDNEWINPFLKRNGGFVELLFIY DSPWINDVDVFQWPLGVATYRNFVVEASWSMLHDERPYLCNFLTGTIYENSSRQAL MNILKKDGNKLCWVSAREHWQPQETNESLKNYQDALLQSDTLCPVGVNTECYRI YEACSYGSIPVVEDVMTAGNCGNTSVHHGAPLQLLKSMGAPFIFIKNWKELPAVLEK EKTIILQEKIERRKMLLQWYQHFKTELKMKFTNILESSFLMNNKSTRTRPLEQKLISEE DLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

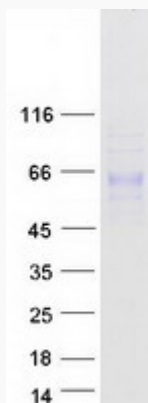
GENE INFORMATION

Gene Name	RXYLT1 ribitol xylosyltransferase 1 [Homo sapiens (human)]
Official Symbol	RXYLT1
Synonyms	RXYLT1; ribitol xylosyltransferase 1; TMEM5; HP10481; MDDGA10; ribitol-5-phosphate xylosyltransferase 1; UDP-D-xylose:ribitol-5-phosphate beta1,4-xylosyltransferase; transmembrane protein 5; type II membrane protein; EC 2.4.2.-
Gene ID	10329
mRNA Refseq	NM_014254
Protein Refseq	NP_055069
MIM	605862
UniProt ID	Q9Y2B1

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SDS-PAGE

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