Active Recombinant Full Length Human RXYLT1 Protein, C-Flag-tagged

Cat. No. RXYLT1-539HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RXYLT1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Enzyme activity
Molecular Mass	51 kDa
AA Sequence	MRLTRKRLCSFLIALYCLFSLYAAYHVFFGRRRQAPAGSPRGLRKGAAPARERRGR EQSTLESEEWNPWE GDEKNEQQHRFKTSLQILDKSTKGKTDLSVQIWGKAAIGLYL WEHIFEGLLDPSDVTAQWREGKSIVGRT QYSFITGPAVIPGYFSVDVNNVVLILNGR EKAKIFYATQWLLYAQNLVQIQKLQHLAVVLLGNEHCDNEW INPFLKRNGGFVELLFI IYDSPWINDVDVFQWPLGVATYRNFPVVEASWSMLHDERPYLCNFLGTIYENS SRQ ALMNILKKDGNDKLCWVSAREHWQPQETNESLKNYQDALLQSDLTLCPVGVNTEC

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	YRIYEACSYGSI PVVEDVMTAGNCGNTSVHHGAPLQLLKSMGAPFIFIKNWKELPAV LEKEKTIILQEKIERRKMLLQWYQH FKTELKMKFTNILESSFLMNNKSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	RXYLT1 ribitol xylosyltransferase 1 [Homo sapiens (human)]
Official Symbol	RXYLT1
Synonyms	TMEM5; HP10481; MDDGA10
Gene ID	10329
mRNA Refseq	NM_014254.3

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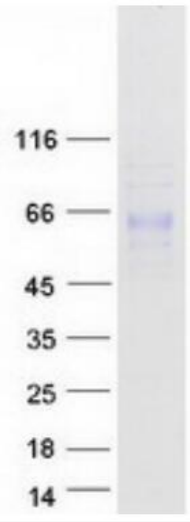
Protein Refseq	NP_055069.1
MIM	605862
UniProt ID	Q9Y2B1



Coomassie blue staining of purified RXYLT1 protein.

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