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Product Information

MemDX™ Membrane Protein Human EXTL3 (Exostosin like glycosyltransferase 3) Full Length

Cat. No.: **MPC4255K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human EXTL3 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
EXTL3

Protein Length
Full length

Protein Class
Transferase

TMD
1

Sequence
MTGYTMLRNGGAGNGGQTCMLRWSNRIRLTWLSFTLFVILVFFPLIAHYY
LTTLDEADEAGKRIFGPRVGNELCEVKHVLDLCRIRESVSEELLQLEAKR
QELNSEIAKLNLKIEACKKSIENAKQDLLQLKNVISQTEHSYKELMAQNQ
PKLSLPIRLLPEKDDAGLPPPKATRGCRLHNCFDYSRCPLTSGFPVYVYD
SDQFVFGSYLDPLVKQAFQATARANVYVTENADIACLYVILVGEMQEPVV
LRPAELEKQLYSLPHWRTDGHNHVIINLSRKSDTQNLLYNVSTGRAMVAQ
STFYTVQYRPGFDLVVSPLVHAMSEPNFMEIPPQVPVKRKYLFTFQGEKI
ESLRSSLQEARSFEEEMEGDPPADYDDRIIATLKAVQDSKLDQVLVEFTC
KNQPKPSLPTEWALCGEREDRLELLKLSTFALIITPGDPRLVISSGCATR
LFEALEVGAVPVVLGEQVQLPYQDMLQWNEAALVVPKPRVTEVHFLLRSL
SDSDLLAMRRQGRFLWETYFSTADSIFNTVLAMIRTRIQIPAAPIREEAA
AEIPHRSGKAAGTDPNMADNGDLDLGPVETEPPYASPRYLRNFTLTVTDF
YRSWNCAPGPFHLFPHTPFDPVLPSEAKFLGSGTGFRPIGGGAGGSGKEF
QAALGGNVPREQFTVVMLTYEREEVLMNSLERLNGLPYLNKVVVVWNSPK
LPSEDLLWPDIGVPIMVVRTEKNSLNNRFLPWNEIETEAILSIDDDAHLR
HDEIMFGFRVWREARDRIVGFPGRYHAWDIPHQSWLYNSNYSCELSMVLT
GAAFFHKYYAYLYSYVMPQAIRDMVDEYINCEDIAMNFLVSHITRKPPIK
VTSRWTFRCPGCPQALSHDDSHFHERHKCINFFVKVYGYMPLLYTQFRVD
SVLFKTRLPHDKTKCFKFI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

EXTL3

Full Name

Exostosin like glycosyltransferase 3

Introduction

This gene encodes a single-pass membrane protein which functions as a glycosyltransferase. The encoded protein catalyzes the transfer of N-acetylglucosamine to glycosaminoglycan chains. This reaction is important in heparin and heparan sulfate synthesis. Alternative splicing results in the multiple transcript variants.

Alternative Names

EXTL3; RPR; BOTV; REGR; EXTR1; ISDNA; EXTL1L; exostosin-like 3; EXT-related 1; epididymis secretory sperm binding protein; exostoses (multiple)-like 3; exostosin tumor-like 3; glucuronyl-galactosyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase; hereditary multiple exostoses gene isolog; putative tumor suppressor protein EXTL3; reg receptor; Exostosin like glycosyltransferase 3

Gene ID

2137

UniProt ID

O43909

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