OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP309064

EXTL1 (NM_004455) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human exostoses (multiple)-like 1 (EXTL1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209064 protein sequence Red=Cloning site Green=Tags(s) MQSWRRRKSLWLALSASWLLLVLLGGFSLLRLALPPRPRPGASQGWPRWLDAELLQSFSQPGELPEDAV S PPQAPHGGSCNWESCFDTSKCRGDGLKVFVYPAVGTISETHRRILASIEGSRFYTFSPAGACLLLLLSLD AQTGECSSMPLQWNRGRNHLVLRLHPAPCPRTFQLGQAMVAEASPTVDSFRPGFDVALPFLPEAHPLRG G APGQLRQHSPQPGVALLALEEERGGWRTADTGSSACPWDGRCEQDPGPGQTQRQETLPNATFCLISGH RP EAASRFLQALQAGCIPVLLSPRWELPFSEVIDWTKAAIVADERLPLQVLAALQEMSPARVLALRQQTQFL WDAYFSSVEKVIHTTLEVIQDRIFGTSAHPSLLWNSPPGALLALSTFSTSPQDFPFYYLQQGSRPEGRFS ALIWVGPPGQPPLKLIQAVAGSQHCAQILVLWSNERPLPSRWPETAVPLTVIDGHRKVSDRFYPYSTIRT DAILSLDARSSLSTSEVDFAFLVWQSFPERMVGFLTSSHFWDEAHGGWGYTAERTNEFSMVLTTAAFYHR YYHTLFTHSLPKALRTLADEAPTCVDVLMNFIVAAVTKLPPIKVPYGKQRQEAAPLAPGGPGPRPKPPAP APDCINQIAAAFGHMPLLSSRLRLDPVLFKDPVSVQRKKYRSLEKP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	74.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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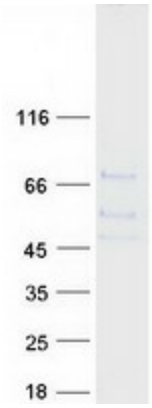
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004446
Locus ID:	2134
UniProt ID:	Q92935
RefSeq Size:	4021
Cytogenetics:	1p36.11
RefSeq ORF:	2028
Synonyms:	EXTL
Summary:	This gene is a member of the multiple exostoses (EXT) family of glycosyltransferases, which function in the chain polymerization of heparan sulfate and heparin. The encoded protein harbors alpha 1,4- N-acetylglucosaminyltransferase activity, and is involved in chain elongation of heparan sulfate and possibly heparin. [provided by RefSeq, Jul 2008]
Protein Families:	Transmembrane
Protein Pathways:	Heparan sulfate biosynthesis, Metabolic pathways

Product images:



Coomassie blue staining of purified EXTL1 protein (Cat# TP309064). The protein was produced from HEK293T cells transfected with EXTL1 cDNA clone (Cat# [RC209064]) using MegaTran 2.0 (Cat# [TT210002]).