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Product datasheet for TP513055

Kdelc2 (NM_212445) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein O-glucosyltransferase 3 (Poglut3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR213055 representing NM_212445 Red=Cloning site Green=Tags(s) MQALPLGLQLALLVAAGAGARVSAPRSLAWGPGLQAAAVLPVRYFFLQSVDSDGRNFTSSPPGQTQFKV V VKSLSPKELVRIYVPKPLDRNDGTFLVRYRMHETAHKGLKIEILHGSEHVAHSPYILKGPVYHEYCDCPE DDPQVWQETLSCPASEPQIEQDFVSFPSINLQQMLKEVPTRFGDERGAVVHYTILNNHIYRRSLGKYTDF KMFSDEILLSLARKVTLPDLEFYINLGDWPLEHRKVNDTPGPIPIISWCGSLDSRDIILPTYDVTHSTLE AMRGVTNDLLSVQGNTGPSWINKTEKAFFRGRDSREERLQLVLLSKENPQLLDAGITGYFFFQEKEKELG KAKLMGFFDFFKYKYQVNVDGTVAAYRYPYLMLGDSLVLKQESPYYEHFYVALKPWKHYVPIKRNLGDLL EKVKWAKENDEEAKKIAKEGQLTARDLLQPPRLYCYYYRVLQKYAERQASKPMIRDGMELVPQPDDGTSI CQCHRRRPEREEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	57.7 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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RefSeq:	NP_997610
Locus ID:	68304
UniProt ID:	G5E897
RefSeq Size:	3644
Cytogenetics:	9 A5.3
RefSeq ORF:	1509
Synonyms:	2010004J24Rik; 4833410J10Rik; AW549401
Summary:	Protein glucosyltransferase that catalyzes the transfer of glucose from UDP-glucose to a serine residue within the consensus sequence peptide C-X-N-T-X-G-S-F-X-C. Can also catalyze the transfer of xylose from UDP-xylose but less efficiently. Specifically targets extracellular EGF repeats of proteins such as NOTCH1 and NOTCH3. May regulate the transport of NOTCH1 and NOTCH3 to the plasma membrane and thereby the Notch signaling pathway. [UniProtKB/Swiss-Prot Function]