

Product datasheet for **TP309331M**

NOTUM (NM_178493) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human notum pectinacylesterase homolog (Drosophila) (NOTUM), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209331 protein sequence Red =Cloning site Green =Tags(s) MAQVKSLAQSLYPCSAQQLNEDLRLHLLNLSVTCNDGSPAGYYLKESRGSRRWLLFLEGGWYCFNRENC DSRYDTMRRLMSSRDWPRTRTGTGILSSQPEENPYWWNANMVFIPYCSSDVSWSGASSKSEKNEYAFMGAL IIQEVVRELLGRGLSGAKVLLLAGSSAGGTGVLNVDRAEQLEKLGYPAIQVRGLADSGWFLDNKQYRH TDCVDTITCAPTEAIRRGIRYWNGVPERCRRQFQEGEEWNCFFGYKVYPTLRCPVFWVQWLFDEAQLTV DNVHLTGQPVQEGLRLYIQNLGRELRLKDVPAFAPACLSHEIIIRSHWTDVQVKGTSPLRALHCWDR SLHDSHKASKTPLKGCVPVHLVDSCPWPHCNPSCPTVRDQFTGQEMNVAQFLMHMGFDMQTVAQPQGLEPS ELLGMLSNGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	48.4 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
Bioactivity:	Cell treatment (PMID: 29719227)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_848588](#)

Locus ID: 147111

UniProt ID: [Q6P988](#)

RefSeq Size: 2281

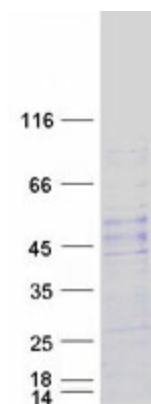
Cytogenetics: 17q25.3

RefSeq ORF: 1290

Synonyms: hNOTUM

Summary: Carboxylesterase that acts as a key negative regulator of the Wnt signaling pathway by specifically mediating depalmitoleoylation of WNT proteins. Serine palmitoleoylation of WNT proteins is required for efficient binding to frizzled receptors (PubMed:25731175).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NOTUM protein (Cat# [TP309331]). The protein was produced from HEK293T cells transfected with NOTUM cDNA clone (Cat# [RC209331]) using MegaTran 2.0 (Cat# [TT210002]).