

Recombinant Human NOTUM Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NOTUM-1624H Lot. No. (See product label)

SPECIFICATION

Product Overview	NOTUM MS Standard C13 and N15-labeled recombinant protein (NP_848588) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NOTUM (Notum, Palmitoleoyl-Protein Carboxylesterase) is a Protein Coding gene. Diseases associated with NOTUM include Scalp-Ear-Nipple Syndrome and Suppurative Periapical Periodontitis. Among its related pathways are Signaling by GPCR and Regulation of activated PAK-2p34 by proteasome mediated degradation. Gene Ontology (GO) annotations related to this gene include hydrolase activity and palmitoleyl hydrolase activity.
Molecular Mass	48.6 kDa
AA Sequence	<p>MAQVKSLAQSPLYPCSAQQLNEDLRLHLLLNTSVTCNDGSPAGYYLKESRGSRRWLL FLEGGWYCFNRENCDSRYDTMRRLMSSRDWPRTTRTGILSSQPEENPYWWNAN MVFIPYCSSDVWVGASSKSEKNEYAFMGALIIQEVVRELLGRGLSGAKVLLLAGSSA GGTGVLLNVDRVAEQLEKLGYPQVIRGLADSGWFLDNKQYRHTDCVDTITCAPTE AIRRGIRYWNGVVPERCRRQFQEGEEWNCFFGYKVYPTLRCPVFVQWLFDEAQL TVDNVHLTGQPVQEGLRLYIQNLGRELRLTLKDVPAFAPACLSHEIIIRSHWTDVQV KGTSLPRALHCWDRSLHDSHKASKTPLKGCPVHLVDSCPWPHCNPSCPTVRDQFT</p>

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GQEMNVAQFLMHMGFDMQTVAQPQGLEPSELLGMLSNGSTRTRPLEQKLISEEDL
AANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NOTUM notum, palmitoleoyl-protein carboxylesterase [Homo sapiens (human)]

Official Symbol NOTUM

Synonyms NOTUM; notum pectinacetyltransferase homolog (Drosophila); protein notum homolog;

Gene ID 147111

mRNA Refseq NM_178493

Protein Refseq NP_848588

MIM 609847

UniProt ID Q6P988

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