

Recombinant Mouse Notum Protein, Myc/DDK-tagged

Cat. No. Notum-1434M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RIKEN cDNA 5730593N15 gene (cDNA clone MGC:37936 IMAGE:5125723), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	36.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Notum notum palmitoleoyl-protein carboxylesterase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Notum
Synonyms	Notum; notum palmitoleoyl-protein carboxylesterase; 5730593N15Rik; palmitoleoyl-protein carboxylesterase NOTUM; notum pectinacetylerase homolog; protein notum homolog; EC 3.1.1.98
Gene ID	77583
mRNA Refseq	NM_175263
Protein Refseq	NP_780472
UniProt ID	Q8R116

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