

Recombinant Mouse Gdpd2 Protein, Myc/DDK-tagged

Cat. No. Gdpd2-3185M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glycerophosphodiester phosphodiesterase domain containing 2 (Gdpd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the glycerophosphodiester phosphodiesterase enzyme family. The encoded protein hydrolyzes glycerophosphoinositol to produce inositol 1-phosphate and glycerol. Overexpression of this gene is associated with activity-dependent actin cytoskeleton disorganization. The encoded protein may negatively regulate growth rate and induce differentiation of osteoblasts. Alternative splicing results in multiple transcript variants.
Molecular Mass	61.2 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Gdpd2 glycerophosphodiester phosphodiesterase domain containing 2 [Mus musculus (house mouse)]
Official Symbol	Gdpd2
Synonyms	Gdpd2; glycerophosphodiester phosphodiesterase domain containing 2; Gde3; Obdpf; 9130017L10Rik; glycerophosphoinositol inositolphosphodiesterase GDPD2; glycerophosphodiester phosphodiesterase 3; osteoblast differentiation promoting factor; EC 3.1.4.43
Gene ID	71584
mRNA Refseq	NM_023608
Protein Refseq	NP_076097
UniProt ID	Q9ESM6

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