

Recombinant Mouse Gpatch3 Protein, Myc/DDK-tagged

Cat. No. Gpatch3-3282M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length G patch domain containing 3 (Gpatch3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in transcriptional regulation. It is able to activate transcription from CXCR4 promoter and therefore it might control neural crest cell migration involved in ocular and craniofacial development. Is a negative regulator of immune antiviral response, acting via down-regulation of RIG-I-like receptors signaling and inhibition of type I interferon production. The control mechanism involves interaction with mitochondrial MAVS and inhibition of MAVS assembly with downstream proteins implicated in antiviral response, such as TBK1 and TRAF6.
Molecular Mass	59.2 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 Gpatch3 G patch domain containing 3 [Mus musculus (house mouse)]

Official Symbol Gpatch3

Synonyms GPATCH3; G patch domain containing 3; G patch domain-containing protein 3; Gpatc3; D930035B09Rik; MGC106307

Gene ID 242691

mRNA Refseq NM_172876

Protein Refseq NP_766464

UniProt ID Q8BIY1

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