

## Product datasheet for **TP520777**

### Gpatch3 (NM\_172876) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse G patch domain containing 3 (Gpatch3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220777 representing NM_172876 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MASPRELDEESPVYLVVSGIPAVLRSAQLRSYFSQFREQRGGGFLCFHYRHRPERGPPQASPEAARAGPD  PAAEDPVLAQAPASDARAVRARGSAAAQTRTCCCVSVRGAAQAQRLLRMYSGRRWLDSQGTWLPGRCL  I  RRRLRPTEVSDLGSPFKTRKELQSRAENEAF TLADLKQLPELNPPVLMPNGNVGTPLRVFLELIRSCR  LPPRIITQLQLQFPKTGSSRRYGNVPFLYEDSETVEQEEHVYTAEGEEIPQGSCSEDPAAGSFDEPEDEG  QQQEEEEESGSEEDDDRGEWERHEALHEDVTGQERTTERLFEIEELKWEKGGSGLVFYTDQFWQEEE  GDFDEQTADDWDVDMSVYYDRDGGDKDARDSVQMLRRLREGQEDGSVLGGQVGTFRHTKGIGRKY  ME  RQGWAEQGGLSGRCSGVPEALDGDGQHPRCKRGLGYHGEKLQPRQLKRPRRTGLGLISTYDEPLPQD  Q  GETLLRRQPPTSMKFRTDMTFVKGSSCALDRPEPE</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	59.2 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
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 after receiving vials.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_766464</a></u>
<b>Locus ID:</b>	242691
<b>UniProt ID:</b>	<u><a href="#">Q8BIY1</a></u>
<b>RefSeq Size:</b>	2003
<b>Cytogenetics:</b>	4 D2.3
<b>RefSeq ORF:</b>	1575
<b>Synonyms:</b>	D930035B09Rik; Gpatc3
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]