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Product datasheet for TP508620

Gdpd2 (NM_023608) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glycerophosphodiester phosphodiesterase domain containing 2 (Gdpd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208620 protein sequence Red=Cloning site Green=Tags(s) MADSPGCCSIWARCLHCLYSCHWRKYPKQKMQTSKCDCIWFGLLFLTFLLSLGWLYIGLILLNDLHNFNE FLFRHWGHWMDWSLIVLLVVSLLVTYASLLLLGLLLQLCGQPLHLHSLHKVLLLLIVLLVAAGLVGLDI QWRQEWHSLRLSLQATAPFLHIGAVAGITLLAWPVADTFYRIHPRGPKVLLLLLFFGVTLVIYLMPLLFI SSPCIMKLRDLPPKPGLVGHRGAPMLAPENTLMSLRKTAECGAAVFETDVMVSSDGVPFLMHDERLSRTT NVASVFPERISAHSSDFSWAELQRLNAGTWFLERQPFWGAKKLSGSDRKEAENQTIPALEELLKEAAALN LSIMFDLRRPPRNHTYYDTFVNQTLEAVLSANVSQAMVLWLPDEDRANVQQRAPRMRQIYGHQGGNWTER PQFLNLPYQDLPALDIKALHQDNISVNLFVVNKPWLFSLLWCAGVDSVTTNACQLLQQMQNPLWLLPPQK YLMIWVITDCASILLLLSIFLLRGGCAKRNRTGLETAVLLTKINNFASE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	61.2 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_076097

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Locus ID:	71584
UniProt ID:	Q9ESM6
RefSeq Size:	2610
Cytogenetics:	X C3
RefSeq ORF:	1620
Synonyms:	9130017L10Rik; Gde3; Obdpf
Summary:	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. [provided by RefSeq, Apr 2015]