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Product datasheet for TP524149

Rnd1 (NM_172612) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Rho family GTPase 1 (Rnd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224149 representing NM_172612 Red=Cloning site Green=Tags(s) MKERRAPQPVVVRCKLVLVGDVQCGKTAMLQVLAKDCYPETYVPTVFENYTACLETEEQRVELSLWDTSG SPYYDNVRPLCYSDSDAVLLCFDISRPETMDSALKKWRTEILDYCPSTRVLLIGCKTDLRTDLSTLMELS HQKQAPISYEQGCAIAKQLGAEIYLEGSAFTSETSIHSIFRTASMVCLNKSSPVPPKSPVRSLSKRLLHL PSRSELISTTFKKEKAKSCSIM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26.5 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_766200
Locus ID:	223881
UniProt ID:	Q8BLR7
RefSeq Size:	2203

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Cytogenetics:	15 F1
RefSeq ORF:	696
Synonyms:	A830014L09Rik; Arhs
Summary:	Lacks intrinsic GTPase activity. Has a low affinity for GDP, and constitutively binds GTP. Controls rearrangements of the actin cytoskeleton. Induces the Rac-dependent neuritic process formation in part by disruption of the cortical actin filaments. Causes the formation of many neuritic processes from the cell body with disruption of the cortical actin filaments (By similarity).[UniProtKB/Swiss-Prot Function]