

Product datasheet for **TP518635**

Rmnd5a (NM_024288) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse required for meiotic nuclear division 5 homolog A (Rmnd5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218635 representing NM_024288 Red =Cloning site Green =Tags(s) MDQCVTVERELEKVLHKFSGYGQLCERGLEELIDYTGGLKHEILQSHGQDAELSGTSLSLVTQCKRIKD TVQKLASDHKDIHSSVSRVGKAIDKNFDSDISSVGIDGCWQADSQRLLNEVMVEHFFRQGMLDVAEELC Q ESGLSVDPSQKEPFVELNRILEALKVRVLRPALEWAVSNREMLIAQNSSLFELHRLYFISLLMGGTTNQ REALQYAKNFQPFALNHQKDIQVLMGSLVYLRQGIENSPYVHLLDANQWADICDIFTRDACALLGLSVES PLSVSFSAGCVLPALINIKAVIEQRQCTGWWNQKDELPIEVDLGKKCWYHSIFACPILRQQTDDNNPPM KLVCGHIISRDALNKMFMNGSKLKCPYCPMEQSPGDAKQIFF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	44 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:	<u>NP_077250</u>
Locus ID:	68477



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UniProt ID:	<u>Q80YQ8</u>
RefSeq Size:	6165
Cytogenetics:	6 C1
RefSeq ORF:	1173
Synonyms:	1110007A06Rik; AJ237586; AW125795; Gid2; MTA.D02.090
Summary:	Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. MAEA and RMND5A are both required for catalytic activity of the CTLH E3 ubiquitin-protein ligase complex. Catalytic activity of the complex is required for normal cell proliferation. The CTLH E3 ubiquitin-protein ligase complex is not required for the degradation of enzymes involved in gluconeogenesis, such as FBP1.[UniProtKB/Swiss-Prot Function]