

Product datasheet for TP502583

Gins4 (NM_024240) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse GINS complex subunit 4 (Sld5 homolog) (Gins4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202583 protein sequence Red =Cloning site Green =Tags(s)
	MTEVLDLHGQSDSDGGSEEMVLTPAELIEKLEQAWMNEKFAPELLESKAEIVECVMEQLEHMEENLRRAKK GDLKVSIIHRMEMERIRYVLSYLRCRLMKIEKFFPHILEKEKVRSEGEPSLSPEEFVFAKEYMDHTETH FKNVALKHMPPNLQKVDLLRAVPKPDLDSYVFLRVKERQENILVEPEADEQRDYVIDLEVGSQHLIRYKT IAPLVASGAVQLI
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26 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_077202
Locus ID:	109145
UniProt ID:	Q99LZ3
RefSeq Size:	1364



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Cytogenetics: 8 A2

RefSeq ORF: 672

Synonyms: 2810037C03Rik; 4933405K01Rik; Sld5

Summary: The GINS complex plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS4 is important for GINS complex assembly. GINS complex seems to bind preferentially to single-stranded DNA (By similarity).[UniProtKB/Swiss-Prot Function]