

Product datasheet for **TP500689**

Cby1 (NM_028634) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chibby family member 1, beta catenin antagonist (Cby1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200689 protein sequence Red =Cloning site Green =Tags(s)
	 MPLFGSIFSPKKTTPPKSASLSNLHSLDRSTRELELGLDYGTPTMNLAGQSLKFENGQWVADSVISGGVD RRETQRLRKRNRQLEEENLLRLKVDILLDMLSETTAESHLKDKELDELKVTNRKRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	14.5 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:	<u>NP_082910</u>
Locus ID:	73739
UniProt ID:	<u>Q9D1C2</u>
RefSeq Size:	1119
Cytogenetics:	15
RefSeq ORF:	384



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Synonyms: 1110014P06Rik; arb1; CBY; Pgea1; PGEA14

Summary: Inhibits the Wnt/Wingless pathway by binding to CTNNB1/beta-catenin and inhibiting beta-catenin-mediated transcriptional activation through competition with TCF/LEF transcription factors. Has also been shown to play a role in regulating the intracellular trafficking of polycystin-2/PKD2 and possibly of other intracellular proteins. Promotes adipocyte and cardiomyocyte differentiation.[UniProtKB/Swiss-Prot Function]