

Product datasheet for TP501615

Ccdc115 (NM_027159) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse coiled-coil domain containing 115 (Ccdc115), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201615 protein sequence Red =Cloning site Green =Tags(s)
	MAVQALREELDSKCLQLLSDLEELEAKRAALNARVEEGWLSLAKARYAMGAKSVGPLQYASRMPEQVCVR ASEAQDGPQTRVIKADAQTPEEVGPSEASLRRRKGP TKKELGSAVVPQDPLNWFILVPHSLRQAQAS FRDGLQLAADIASLQTRINWGQSQLRGLQKCLKELDPGPA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	19.7 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_081435
Locus ID:	69668
UniProt ID:	Q8VE99
RefSeq Size:	1721
Cytogenetics:	1 B



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RefSeq ORF: 543

Synonyms: 2310061I09Rik; Ccp1

Summary: Accessory component of the proton-transporting vacuolar (V)-ATPase protein pump involved in intracellular iron homeostasis. In aerobic conditions, required for intracellular iron homeostasis, thus triggering the activity of Fe(2+) prolyl hydroxylase (PHD) enzymes, and leading to HIF1A hydroxylation and subsequent proteasomal degradation. Necessary for endolysosomal acidification and lysosomal degradation (By similarity). May be involved in Golgi homeostasis (By similarity).[UniProtKB/Swiss-Prot Function]