

Product datasheet for **TP515618**

Cln5 (NM_001033242) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ceroid-lipofuscinosis, neuronal 5 (Cln5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR215618 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLRGGPCGAHWRPALALALLGLATILGASPTSGQRWPVPYKRFSFRPKTDPYCQAKYTCPTGSPIPVMK
DNDVIEVLRQLQAPIWEFKYGDLLGHFKLMHDAVGFRSTLTGKNYTIWYELFQLGNCTFPHLRPDKSAPF
WCNQGAACFFEGIDDKHWKENGTLVWATISGNTFNKVAEWWKQDNETGIYYETWTVRAGPGQGAQTWFE
SYDCSNFVLRTYKKLAEFGTEFKKIETNYTKIFLYSGEPIYLGNETSIFGPKGNKTLALAIKKFYGPFPRP
YLSTKDFLMNFKIFDVTVIIHRQFYLFYNFEYWFLPMKPPFVKITYEETPLPTRHTTFTDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.3 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_001028414
Locus ID:	211286
UniProt ID:	Q3UMW8 , B2RUP8



[View online »](#)

RefSeq Size: 2447

Cytogenetics: 14 51.71 cM

RefSeq ORF: 1026

Synonyms: A730075N08Rik

Summary: Plays a role in influencing the retrograde trafficking of lysosomal sorting receptors SORT1 and IGF2R from the endosomes to the trans-Golgi network by controlling the recruitment of retromer complex to the endosomal membrane. Regulates the localization and activation of RAB7A which is required to recruit the retromer complex to the endosomal membrane.
[UniProtKB/Swiss-Prot Function]