

Recombinant Mouse Cln5 Protein, Myc/DDK-tagged

Cat. No. Cln5-2193M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ceroid-lipofuscinosis, neuronal 5 (Cln5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	39.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cln5 ceroid-lipofuscinosis, neuronal 5 [Mus musculus (house mouse)]
Official Symbol	Cln5
Synonyms	Cln5; ceroid-lipofuscinosis, neuronal 5; A730075N08Rik; ceroid-lipofuscinosis neuronal protein 5 homolog
Gene ID	211286
mRNA Refseq	NM_001033242
Protein Refseq	NP_001028414
UniProt ID	Q3UMW8

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