

Product datasheet for TP503279

C1qI3 (NM_153155) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse C1q-like 3 (C1qI3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203279 protein sequence Red =Cloning site Green =Tags(s)

MVLLLVLIPVLVSSAGTSAHYEMLGTCRMVCDPYGGTKAPSTAATPDRGLMQSLPTFIQGPKEAGRPG
KAGPRGPPGEPGPPGPVGGPPGEGKEGEPGRQGLPGPPGAPGLNAAGAIISAATYSTVPKIAFYAGLKRQHEGY
EVLKFDDVVTNLGNHYDPTTGKFTCSIPGIYFFTYHVLMRGGDGTSMWADLCKNNQVRASAIQAQDADQNY
DYASNSVVLHLEPGDEVYIKLDGGKAHGGNNNKYSTFSGFIIYAD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	26.7 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_694795
Locus ID:	227580
UniProt ID:	Q9ESN4 , A0A3B0IT58
RefSeq Size:	3163



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Cytogenetics: 2 A1

RefSeq ORF: 768

Synonyms: 1110065A22Rik; AI661623; C1ql; C1qtnf13; CTRP13; K100

Summary: May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses. Plays a role in glucose homeostasis. Via AMPK signaling pathway, stimulates glucose uptake in adipocytes, myotubes and hepatocytes and enhances insulin-stimulated glucose uptake. In a hepatoma cell line, reduces the expression of gluconeogenic enzymes G6PC and PCK1 and hence decreases de novo glucose production. [UniProtKB/Swiss-Prot Function]