

Product datasheet for **TP503019**

C1qtnf5 (NM_001040631) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse C1q and tumor necrosis factor related protein 5 (C1qtnf5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203019 protein sequence
Red=Cloning site **Green**=Tags(s)

MRPLLALLLLGLVSGSPPLDDNKIPSLCPGQPLPGTPGHHGSQGLPGRDGRDGRDGAPGAPGEKGEGR
PGLPGRGEAGPMGAIGPAGECSVPPRSAFSAKRSESRVPPADTPLPFDRVLLNEQGHFDPTT
GKFTCQVPGVYFVAVHATVYRASLQFDLVKNGQSIASFFQYFGGWPKPASLSGGAMVRLEPEDQVWVQVG
VDYIGIYASIKTDSTFSGFLVYSDWHSSPVFA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 25.4 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_001035721](#)

Locus ID: 235312

UniProt ID: [Q8K479](#), [Q4ZJN4](#)

RefSeq Size: 1275



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Cytogenetics: 9 24.62 cM

RefSeq ORF: 732

Synonyms: Adie; CTR; Ctrp5; Mfrp

Summary: The protein encoded by this gene is a member of the C1q/tumor necrosis factor superfamily. This family member is a secretory protein that functions in eye development. Mutations in this gene are thought to underlie the pathophysiology of late-onset retinal degeneration (L-ORD) and early-onset long anterior zonules (LAZ). Bicistronic transcripts composed of the coding sequences for this gene (C1qtnf5) and the membrane-type frizzled-related protein gene (Mfrp) have been identified, and the resulting products can interact with each other. Co-transcription of C1qtnf5 and Mfrp has been observed in both human and mouse. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]