

Recombinant Mouse C1qtnf5 Protein, Myc/DDK-tagged

Cat. No. C1qtnf5-1912M Lot. No. (See product label)

SPECIFICATION

Product Overview Purified recombinant protein of mouse full-length C1q and tumor necrosis factor related protein 5 (C1qtnf5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.

Species Mouse

Source HEK293

Description 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.

Molecular Mass 25.4 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.

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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.

GENE INFORMATION

Gene Name	C1qtnf5 C1q and tumor necrosis factor related protein 5 [Mus musculus (house mouse)]
Official Symbol	C1qtnf5
Synonyms	C1QTNF5; C1q and tumor necrosis factor related protein 5; complement C1q tumor necrosis factor-related protein 5; Ctrp5
Gene ID	235312
mRNA Refseq	NM_001040631
Protein Refseq	NP_001035721
UniProt ID	Q8K479

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