

C1QL1 Protein, Mouse, Recombinant (His)

General Information

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| Synonyms: | Crf;Ctrp14;C1ql1;C1qrf;C1q-related factor;C1q and tumor necrosis factor-related protein 14 (C1q/TNF-related protein 14;CTRP14);Complement component 1 Q subcomponent-like 1 |
| Protein Construction: | 17-258 aa |
| Species: | Mouse |
| Expression Host: | P. pastoris (Yeast) |
| Accession: | O88992 |
| Molecular Weight: | 26.9 kDa (predicted) |
| AA Sequence: | GPDGHYEMLGTCRMVCDPYPARGPGAGARSDGGDALSEQSGAPPSTLVQGPQGKPGRTGKPGPPGPPG DRGPPGPVGPPEKGEKPGKPGPPGLPGSGGSAISTATYTTVPRVAFYAGLKNPHEGYEVLKFDDVVTNLGN NYDAASGKFTCNIPGTYFFTYHVLMRGGDGTSMWADLCKNGQVRASAI AQDADQNYDYASNSVILHLDAG DEVFIKLDGGKAHGGNSNKYSTFSGFIIYSD |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | > 90% as determined by SDS-PAGE. |
| Endotoxin: | < 1.0 EU/μg of the protein as determined by the LAL method. |
| Formulation: | Tris-based buffer, 50% glycerol |

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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