

Active Recombinant Mouse Cer1, Met-tagged

Cat. No. Cer1-226M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cer1 (Accession # AAB71838) Asp18-Pro272, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Mouse
Source	E.coli
ProteinLength	18-272 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μ filtered solution in HCl with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. In a 100 μ reaction mixture containing rmCerberus 1 at 1 μg/mL and rhBMP-4 dilutions at 0.02 - 3 μg/mL, the concentration of rhBMP-4 that produces 50% of the optimal binding response is found to be approximately 0.2 - 0.8 μg/mL.
Molecular Mass	Recombinant Mouse Cer1, Met-tagged has a calculated MW of 28.7 kDa (monomer). In SDS-PAGE migrates as 34 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

Reconstitution

Reconstitute at 100 µg/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

Cer1 cerberus 1 homolog (Xenopus laevis) [Mus musculus]

Official Symbol

Cer1

Synonyms

CER1; cerberus 1 homolog (Xenopus laevis); cerberus; cer-l; cerberus homolog; cerberus-like protein; cerberus-related protein; Cerl; Cerl1; Cerr1; cer-1;

Gene ID

12622

mRNA Refseq

NM_009887

Protein Refseq

NP_034017

MIM

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