

Recombinant Mouse Caps2 Protein, His-tagged

Cat. No. Caps2-363M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Caps2 Protein (Met1-Arg182) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Arg182
Description	Predicted to enable calcium ion binding activity. Orthologous to human CAPS2 (calcyphosine 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.2 kDa Accurate Molecular Mass: 30 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
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Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
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Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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GENE INFORMATION

Gene Name	Caps2 calcyphosphine 2 [Mus musculus (house mouse)]
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Official Symbol	Caps2
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Synonyms	CAPS2; calcyphosphine 2; calcyphosin-2; calcyphosin 2; calcyphosine 2; calcyphosine-2; D630005B03Rik
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Gene ID	353025
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mRNA Refseq	NM_178278
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Protein Refseq	NP_840062
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UniProt ID	E9Q2J8
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