

Recombinant Mouse Calca protein, hFc-tagged

Cat. No. Calca-4533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Calca protein(Val26-Asp119), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	26-119 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).5 % trehalose, 0.01% Tween80 are added as protectants before lyophilization.Please contact us for any concerns or special requirements.
Molecular Mass	36.9 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term

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storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	Calca calcitonin/calcitonin-related polypeptide, alpha [Mus musculus]
Official Symbol	Calca
Synonyms	CALCA; calcitonin/calcitonin-related polypeptide, alpha; calcitonin gene-related peptide 1; CGRP-I; alpha CGRP; alpha-type CGRP; calcitonin/alpha CGRP; calcitonin gene-related peptide I; CA; Ct; Ctn; Calc; Cgrp; CGRP1; Calc1; CGRP-1; calcitonin;
Gene ID	12310
mRNA Refseq	NM_001033954
Protein Refseq	NP_001029126

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