

Recombinant Human CALCA protein, His-tagged

Cat. No. CALCA-3496H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALCA protein(26-116 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-116 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

APFRSALESSPADPATLSEDEARLLLAALVQDYVQMKASELEQEQEREGSSLDSPR
SKRCGNLSTCMLGTYTQDFNKFHTFPQTAIGVGAP

GENE INFORMATION
Gene Name

[CALCA calcitonin-related polypeptide alpha \[Homo sapiens \]](#)

Official Symbol

[CALCA](#)

Synonyms

CALCA; calcitonin-related polypeptide alpha; CALC1, calcitonin 1; calcitonin; calcitonin gene-related peptide 1; calcitonin; katalcalcin; calcitonin 1; alpha-type CGRP; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha; CT; KC; CGRP; CALC1; CGRP1; CGRP-I; MGC126648;

Gene ID

[796](#)

mRNA Refseq

[NM_001033952](#)

Protein Refseq

[NP_001029124](#)

MIM

[114130](#)

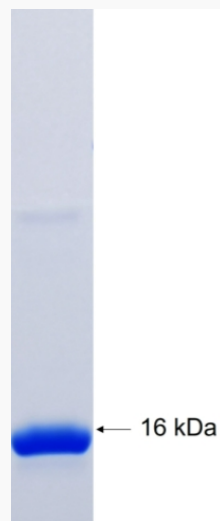
UniProt ID

[P01258](#)

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SDS-PAGE

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