

Recombinant Human CALCA protein, mFc-tagged

Cat. No. CALCA-236H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALCA protein(NP_001732.1) (Met1-Asn141) was expressed in HEK293 with the Fc region of mouse IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-141 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CALCA/mFc comprises 350 amino acids and has a predicted molecular mass of 39.2 kDa. The apparent molecular mass of the monomer is approximately 41.6 and 31.2 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	(77.9+11.4) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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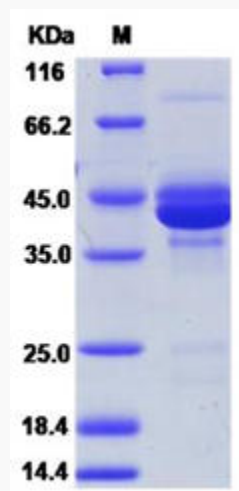
 45-1 Ramsey Road, Shirley, NY 11967, USA

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; katacalcin; 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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