

Procalcitonin/CALCA Recombinant Protein | CALCA recombinant protein

Procalcitonin/CALCA Protein, Human, Recombinant (His Tag)

CATALOG #
AAA258017

HOST
HEK293 Cells

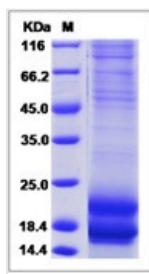
PRODUCT SYNONYMS

Procalcitonin/CALCA; Procalcitonin/CALCA Protein; Human; Recombinant (His Tag); Human CALCA/CGRP Protein (His Tag); CALC1 Protein; CGRP Protein; CGRP-I Protein; CGRP1 Protein; CT Protein; KC Protein; PCT Protein; Procalcitonin Protein; calcitonin-related polypeptide alpha; CALCA recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	≥85% as determined by SDS-PAGE. ≥95% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence	Met1-Asn14 1
Source	HEK293 Cells-derived Human CALCA / CGRP Protein (Hist Tag) Met1-Asn141, Accession # NP_001732.1
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Predicted N Terminal	Ala 26
Protein Construction	A DNA sequence encoding the human CALCA (NP_001732.1)(Met1-Asn141) was expressed with a polyhistidine tag at the C-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Reconstitution	Reconstituted with sterile deionized water to 0.2 mg/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502545
NCBI GeneID	796
NCBI Accession #	NP_001732.1
NCBI GenBank Nucleotide #	NM_001741.2
UniProt Accession #	P01258; Q13935; Q13937; Q52LX7; B7ZL39; P06881
Molecular Weight	Predicted Molecular Mass: 14.24 kDa
NCBI Official Full Name	calcitonin isoform CT preproprotein
NCBI Official Synonym Full Names	calcitonin-related polypeptide alpha
NCBI Official Symbol	CALCA
NCBI Official Synonym Symbols	CT; KC; PCT; CGRP; CALC1; CGRP1; CGRP-I
NCBI Protein Information	calcitonin; calcitonin gene-related peptide 1
UniProt Protein Name	Calcitonin
UniProt Gene Name	CALCA
UniProt Synonym Gene Names	CALC1; CCP
UniProt Entry Name	CALC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/calca-recombinant-protein-hek293-cells/258017>