

Propionyl-CoA carboxylase beta chain, mitochondrial (PCCB) Recombinant Protein | PCCB recombinant protein

Recombinant Human Propionyl-CoA carboxylase beta chain, mitochondrial (PCCB)

CATALOG # AAA113928	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Propionyl-CoA carboxylase beta chain; mitochondrial (PCCB); Recombinant Human Propionyl-CoA carboxylase beta chain; PCCB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-539aa; Full Length of Mature Protein
Sequence	CSQATSVNER IENKRRITALL GGGQRRIDAQ HKRGKLTARE RISLLDPGS FVESDMFVEH RCADFGMAAD KNKFPGDSVV TGRGRINGRL VYVFSQDFTV FGGSLSGAHA QKICKIMDQA ITVGAPVIGL NDSGGARIQE GVESLAGYAD IFLRNV TASG VIPQISLIMG PCAGGAVYSP ALTDFTFMVK DTSYLFITGP DVVKSVTNED VTQEELGGAK THTMSGVAH RAFENDVDAL CNLRDFFNYL PLSSQDPAPV RECHDPSDRL VPELDTIVPL ESTKAYNMVD IHSVVDERE FFEIMPNYAK NIIVGFARMN GRTVGIVGNQ PKVASGCLDI NSSVKGARFV RFCDAFNIPL ITFVDVPGFL PGTAQEYGGI IRHGAKLLYA FAEATVPKVT VITRKAYGGA YDVMSSKHLC GDTNYAWPTA EIAVMGAKGA VEIIFKGHEN VEAQAQAEYIE K FANPFPAAV RGFVDDIIQP SSTRARICCD LDVLASKKVQ RPWRKHANIP L
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for PCCB recombinant protein	This protein is a subunit of the propionyl-CoA carboxylase (PCC) enzyme, which is involved in the catabolism of propionyl-CoA. PCC is a mitochondrial enzyme that probably acts as a dodecamer of six alpha subunits and six beta subunits. This gene encodes the beta subunit of PCC. Defects in this gene are a cause of propionic acidemia type II (PA-2).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119943100
NCBI GeneID	5096
NCBI Accession #	NP_000523.2
NCBI GenBank Nucleotide #	NM_000532.4
UniProt Accession #	P05166 ; Q16813 ; Q96CX0 ; B7Z2Z4
Molecular Weight	60,521 Da
NCBI Official Full Name	propionyl-CoA carboxylase beta chain, mitochondrial isoform 1
NCBI Official Synonym Full Names	propionyl-CoA carboxylase beta subunit

NCBI Official Symbol	PCCB
NCBI Protein Information	propionyl-CoA carboxylase beta chain, mitochondrial
UniProt Protein Name	Propionyl-CoA carboxylase beta chain, mitochondrial
UniProt Gene Name	PCCB
UniProt Synonym Gene Names	PCCase subunit beta

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://www.aaabiotech.com/pccb-recombinant-protein-e-coli/113928>