

RPPB2152

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## Product Information    Protein Information

**Product SKU:**

RPPB2152

**Accession:**

Q9HAB8

**Host:**

Escherichia Coli.

**Protein description:**

PPCS produced in E.Coli is a single, non-glycosylated polypeptide chain containing 331 amino acids (1-311 a.a.) and having a molecular mass of 36.1kDa. PPCS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Phosphopantothenate--cysteine ligase, Phosphopantothencysteine synthetase, PPC synthetase, PPCS, COAB, RP11-163G10.1.

**Formulation:**

PPCS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

PPCS Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MAEMDPVAEF QPPGAARWA EVMARFAARL GAQGRRVVLV TSGGTKVPLE  
ARPVRFIDNF SSGRRGATSA EAFLAAGYGV LFLYRARSFA PYAHRFPQT WLSALRPSGP ALSGLLSLEA  
EENALPGFAE ALRSYQEAAG AGTFLAVEFT TLADYLHLLQ AAAQALNPLG PSAMFYLAAG VSDFYVPVSE  
MPEHKIQSSG GPLQITMKMV PKLLSPLVKD WAPKAFIISF KLETDPAIVI NRARKALEIY QHQVNVANIL  
ESRQSFVIV TKDSETKLLL SEEEIEKGV IEEKIVDNLQ SRHTAFIGDR N.