

**Cytochrome c recombinant protein****Cytochrome c****Catalog # PBV10033r****Specification**

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**Cytochrome c recombinant protein - Product info**

Calculated MW

**12.327 kDa KDa****Cytochrome c recombinant protein - Additional Info****Other Names**

Cytochrome c

Source

**Purified from bovine heart. Prepared without using TCA.**

Assay&amp;Purity

Assay2&amp;Purity2

**Target/Specificity**

Cytochrome c

**SDS-PAGE; ≥97%****HPLC;****Application Notes**Soluble in H<sub>2</sub>O (10 mg/ml)**Format**

Lyophilized

**Storage**

-20°C; Lyophilized powder

**Cytochrome c recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Cytochrome c recombinant protein - Images****Cytochrome c recombinant protein - Background**

Cytochrome c is an electron-carrying mitochondrial protein. It is a small heme protein containing a single polypeptide chain and a single heme group, which is

covalently attached to the polypeptide. The ready fluctuation of cytochrome c within the cell between ferrous and ferric states, makes it an efficient biological electron-transporter and it plays a vital role in cellular oxidations in both plants and animals. It is generally regarded as a universal catalyst of respiration, forming the essential electron-bridge between the respirable substrates and oxygen.