

Human CellExp Cystatin C, Human recombinant protein
Human Recombinant Cystatin C
Catalog # PBV10461r**Specification**

Human CellExp Cystatin C, Human recombinant protein - Product info

Primary Accession [P01036](#)
Calculated MW **12-13 kDa KDa**

Human CellExp Cystatin C, Human recombinant protein - Additional Info

Gene ID **1472**
Gene Symbol **CST4**
Other Names
Cystatin-3, Gamma-trace neuroendocrine basic polypeptide, Post-gamma-globulin

Gene Source **Human**
Source **Human 293 cells**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Results **Typically 0.3 to 1.5 µM IC50.**

Application Notes

Reconstitute in sterile PBS.

Format

Lyophilized protein

Storage

-20°C; Lyophilized in PBS

Human CellExp Cystatin C, Human 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](#)

Human CellExp Cystatin C, Human recombinant protein - Images**Human CellExp Cystatin C, Human recombinant protein - Background**

Xeno-free Cystatin C HuXp (Cys-C) is expressed in human 293 cells as a monomer with an

apparent molecular mass of 12 to 13 kDa. Native Cys-C in human urine is found in two different forms: one with pI 9.2 and the other with pI 7.8 by elimination of small basic peptides or amino acids from the N-terminal end of protein. Cystatin C has been studied for its role in predicting new onset or deteriorating cardiovascular disease. This cytokine is produced in a serum-free, chemically defined media.

Human CellExp Cystatin C, Human recombinant protein - References

Bobek L.A., et al. *Biochem. J.* 278:627-635(1991).
Saitoh E., et al. *Agents Actions* 38:340-348(1992).
Dickinson D.P., et al. Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.
Deloukas P., et al. *Nature* 414:865-871(2001).
Hawke D.H., et al. *Biochem. Biophys. Res. Commun.* 145:1248-1253(1987).