

PRODUCT DATA SHEET

Cystatin C Mouse E. coli

Cat. No.: RD272009100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Mouse

Other Names:

Post G-globulin, Cystatin-3, Neuroendocrine basic polypeptide, Gamma-trace,
Post-gamma-globulin, CST3

Description:

Total 134 AA. Mw: 15 kDa (calculated). UniProtKB acc.no. P21460. N-terminal His-tag,
14 extra AA.

Amino Acid Sequence:

MRGSHHHHHH GMASATPKQG PRMLGAPEEA DANEEGVRRR LDFAVSEYNK GSNDAYHSRA
IQVVRARKQL VAGVNYFLDV EMGRITCTKS QTNLTDCPFH DQPHLMRKAL CSFQIYSVPW
KGTHSLTKFS CKNA

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 0.5 mg/mL in 20mM Tris buffer, 50 mM NaCl,
pH 7.5

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL
and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature
recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the
expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated
freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein
can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

Western blotting

Note:

This product is intended for research use only.