Cysteine-Rich Secretory Protein 2 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: CRISP-2, Cancer/testis antigen 36, CT36, Testis-specific protein TPX-1, CRISP2 ,GAPDL5, TPX1

Cat. No.:
RD172261100 (0.1 mg)

Description

Recombinant protein contains amino acids no. 22-243 of the protein acc.no. P16562 in UniProtKB. Total 232 AA. MW: 26.32 kDa (calculated). N-Terminal His-tag (10 extra AA)

Research topic

Reproduction

Amino Acid Sequence

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MKHHHHHHAS KDPAFTALLT TQLQVQREIV NKHNELRKAV SPPASNMLKM EWSREVTTNA QRWANKCTLQ HSDPEDRKTS
TRCGENLYMS SDPTSWSSAI QSWYDEILDF VYGVGPKSPN AVVGHYTQLV WYSTYQVGCG IAYCPNQDSL KYYYVCQYCP
AGNNMNRKNT PYQQGTPCAG CPDDCDKGLC TNSCQYQDLL SNCDSLKNTA GCEHELLKEK CKATCLCENK IY
```

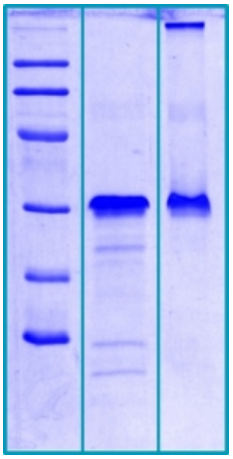
Source

E. coli

Purity

Purity as determined by densitometric image analysis: >90 %

SDS-PAGE gel



14 % SDS-PAGE separation of Human Cysteine-rich secretory protein 2:

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. reduced and boiled sample, 2.5 µg/lane

3. non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/ug

Formulation

0.3 - 0.5 mg/ml in 50 mM acetate buffer, pH 4, 5mM DTT 20%glycerol. - filtered (0.4 µm), frozen

Reconstitution

Defrost at ambient temperature. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

On ice. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles. The thawed protein can be stored at 4 °C for four days.

Quality Control Test

Bradford protein assay to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.

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