

PRODUCT DATA SHEET

WAP four-disulfide core domain protein 2 Human E. coli

Cat. No.: RD172369100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Epididymal secretory protein E4, Major epididymis-specific protein E4, Putative protease inhibitor WAP5, WFDC2, HE4, WAP5, Epididymis protein 4, Whey-acidic-protein

Description:

Total 104 AA. MW: 11.3 kDa (calculated). UniProtKB acc.no. Q14508 (Glu31-Phe124). N-terminal 10 extra AA. Protein identity confirmed by MS.

Amino Acid Sequence:

MKHHHHHHAS EKTGVCPPELQ ADQNTQECV SDSECADNLK CCSAGCATFC SLPNDKEGSC
PQVNINFPQL GLCRDQCQVD SQCPGQMKCC RNGCGKVSCV TPNF

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 0.5 mg/mL in PBS buffer, pH 7.5, 4%mannitol, 1%sucrose

Reconstitution:

Add 200 μl of 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:

ELISA, Western blotting

Note:

This product is intended for research use only.