

PRODUCT DATA SHEET

Beta-Microseminoprotein Human E. coli

Cat. No.: RD172140100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Prostate secretory protein PSP94, Prostate secreted seminal plasma protein, Prostate secretory protein of 94 amino acids, PSP-94, Seminal plasma beta-inhibin, Immunoglobulin-binding factor, IGBF, PN44, MSMB, PRSP

Description:

Total 104 AA. MW: 12.01 kDa (calculated). UniProtKB acc.no. P08118. N-terminal His-tag, 10extra AA.

Amino Acid Sequence:

MKHHHHHHAS SCYFIPNEGV PGDSTRKCMD LKGNKHPINS EWQTDNCETC TCYETEISCC
TLVSTPVGVD KDNCQRIFKK EDCKYIVVEK KDPKKTCSVS EWII

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml in 20mM Tris buffer, 20mM 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:

ELISA, Western blotting

Note:

This product is intended for research use only.