BioVendor - Laboratorní medicína a.s.
Karásek 1767/1, 621 00 Brno, Czech Republic
+420 549 124 185
info@biovendor.com
sales@biovendor.com
www.biovendor.com

PRODUCT DATA SHEET

Beta-Microseminoprotein Human E. coli

Cat. No.: RD172140100
Source: E. coli
Species: Human
Size: 0.1 mg
Type: Recombinant protein

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 TLVSTPVGYD 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.