

Human SMCP Recombinant Protein



RPPB4718

Product Information Protein Information

Product SKU:

RPPB4718

Accession:

P49901

Host:

Escherichia Coli.

Protein description:

SMCP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 139 amino acids (1-116 a.a) and having a molecular mass of 15.2kDa (Molecular size on SDS-PAGE will appear higher). SMCP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Sperm Mitochondria-Associated Cysteine-Rich Protein, MCSP, MCS, Mitochondrial Capsule Selenoprotein, HSMCSGEN1, Sperm Mitochondrial-Associated Cysteine-Rich Protein.

Formulation:

SMCP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol, 1mM EDTA and 0.1mM PMSF.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMCDQTKH SKCCPAKGNQ CCPQQNQCC QSKGNQCCPP
KQNQCCQPKG SQCCPPKHNH CCQPKPPCCI QARCCGLETK PEVSPLNMES EPNSPQTQDK GCQTQQPHS
PQNESRPSK.