

Human SPESP1/UNQ732/PRO1418 (His tag) recombinant protein



Catalog Number: 519751

General Information

Gene Name Synonym

Sperm Equatorial Segment Protein 1, ESP,
Equatorial Segment Protein, SP-ESP, Glycosylated
38 kDa Sperm Protein C-7/8, SPESP1

Protein Construction

A DNA sequence encoding the Human
SPESP1/UNQ732/PRO1418 Tyr20-Tyr350 is
expressed with a 6His tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg protein as determined by the LAL
method.

Stability

Store for up to 12 months at -20°C to -80°C as
lyophilized powder. Aliquots of reconstituted
samples are stable at < -20°C for 3 months.

Formulation

Lyophilized from a 0.2 µm filtered solution of
20mM PB, 150mM NaCl, pH7.4.

Usage Guide

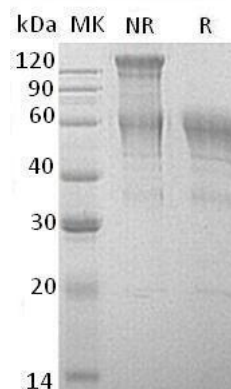
Storage

Lyophilized protein should be stored at <-20°C,
though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at
4-7°C for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not
mix by vortex or pipetting. It is not recommended
to reconstitute to a concentration less than
100µg/ml. Dissolve the lyophilized protein in
ddH₂O. Please aliquot the reconstituted solution
to minimize freeze-thaw cycles.

SDS-PAGE



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