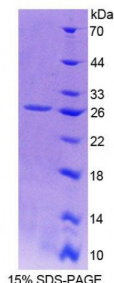


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## Human Sperm Protein 17 (Sp17) Protein

Catalogue No.: abx168798



SDS-PAGE analysis of Human Sp17 Protein.

Human Sp17 Protein (Recombinant) is a recombinant protein from Human. It is produced in E. coli using Prokaryotic expression.

**Target:** Sperm Protein 17 (Sp17)

**Origin:** Human

**Host:** E. coli

**Tested Applications:** WB, SDS-PAGE

**Purity:** > 99%

**Form:** Lyophilized

**Reconstitution:** Reconstitute in 20 mM Tris, 150 mM NaCl (pH 8.0) to a concentration of 0.1 - 1.0 mg/ml. Do not vortex.

**Conjugation:** Unconjugated

**Storage:** Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

**Expression:** Recombinant

<b>Molecular Weight:</b>	20.1 kDa (Predicted Molecular Mass), 27 kDa (Accurate Molecular Mass as determined by SDS-PAGE) Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
<b>Swiss Prot:</b>	<a href="#">Q15506</a>
<b>Sequence Fragment:</b>	Met1-Gln143
<b>Sequence:</b>	MSIPFSNTHY RIPQGFGNLL EGLTREILRE QPDNIPAFAA AYFESLLEKR EKTNFDPAEW GSKVEDRFYN NHAFEEQEPP EKSDPKQEEES QISGKEEETS VTILDSSEED KEKEEVAVK IQAAFRGHIA REEAKMKMTN SLQ
<b>Tag:</b>	Two N-terminal tags, His-tag and T7-tag
<b>Activity:</b>	Not tested
<b>Concentration:</b>	Prior to lyophilization: 200 µg/ml
<b>Buffer:</b>	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.
<b>Note:</b>	This product is for research use only.