

## HUMAN POTES PROTEIN, HFC TAG

**Cat.#:** 11709

**Product Name:** Human POTES Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** A26B3;ANKRD21;CT104.1;POTES;POTES-21;POTES21

**Target:** POTES

**UNIPROT ID:** Q86YR6

**Description:** Recombinant human POTES protein with C-terminal human Fc tag

**Background:** POTES, a highly homologous gene family located on numerous chromosomes and expressed in prostate, ovary, testis, placenta, and prostate cancer.

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 89.76 kDa after removal of the signal peptide.

**Molecular Characterization:** POTES (Met1-Ile584) hFc (Glu99-Ala330)

**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.