



# Recombinant Protein Technical Manual

## Recombinant Human ZNF100 Protein (His Tag)

RPES3006

### Product Data:

**Product SKU:** RPES3006

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q8IYN0

### Protein Information:

**Molecular Mass:** 15.0 kDa

**AP Molecular Mass:** 15 kDa

**Tag:** N-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 200mM NaCl, 50mM Imidazole, 1mM ZnCl<sub>2</sub>, 30% Glycerol, pH 8.0.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Zinc Finger Protein 100; ZNF100

## Immunogen Information:

**Sequence:** Met 1-Lys109

## Background:

Zinc Finger Protein 100 (ZNF100) is part of the krueppel C2H2-type zinc-finger protein family. ZNF100 contains 12 C2H2-type zinc fingers and 1 KRAB domain. ZNF100 is a DNA-binding protein domain consisting of zinc fingers. Zinc finger protein 100 occurs in nature as the part of transcription factors conferring DNA sequence specificity as the DNA-binding domain. Zinc finger proteins have also found use in protein engineering due to their modularity and have prospects as components of tools for use in therapeutic gene modulation and zinc finger nucleases.