



# Recombinant Protein Technical Manual

## Recombinant Human ZNF70 Protein (His Tag)

RPES3026

### Product Data:

**Product SKU:** RPES3026

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q9UC06

### Protein Information:

**Molecular Mass:** 53.0 kDa

**AP Molecular Mass:** 60 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:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM DTT, pH 7.2.

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

**Application:**

**Synonyms:** Zinc Finger Protein 70; Zinc Finger Protein N27C7; ZNF70

## Immunogen Information:

**Sequence:** Met 1-Leu446

## Background:

Zinc Finger Protein 70 (ZNF70) is a member of the krueppel C2H2-type zinc-finger protein family. ZNF70 is localized to the cell nucleus and contains eleven C2H2-type zinc fingers. ZNF70 has sequence-specific DNA binding transcription factor activity, and it may be involved in transcriptional regulation. In addition, ZNF70 has the DNA-binding and metal-binding activity, which can bind zinc ion.