



# Recombinant Protein Technical Manual

## Recombinant Human ETS1/EWSR2 Protein (His Tag)

RPES3363

### Product Data:

**Product SKU:** RPES3363

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** P14921-5

### Protein Information:

**Molecular Mass:** 33.0 kDa

**AP Molecular Mass:** 38 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 EDTA, pH7.4.

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

**Application:**

**Synonyms:** ETS1 Protein; Protein C-ets; V-ets Erythroblastosis Virus E26 Oncogene Homolog 1 (Avian); Isoform CRA\_a; ETS1; hCG\_1732038

## Immunogen Information:

**Sequence:** Met 1-Thr 272

## Background:

ETS1 Protein (ETS1) is a nuclear protein that belongs to the ETS family. Members of this family recognize the core consensus DNA sequence GGAA/T in target genes. Proteins function either as transcriptional activators or repressors of numerous genes. They are involved in stem cell development, cell senescence and death, and tumorigenesis. ETS1 is a transcription factor, containing one ETS DNA-binding domain and one PNT (pointed) domain. It has been shown to interact with TTRAP, UBE2I and Death Associated Protein 6.