

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

**Catalog No.** PKSH032408

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

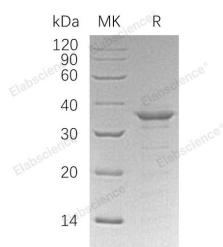
### Description

<b>Synonyms</b>	ETS1 Protein;Protein C-ets-1;V-ets Erythroblastosis Virus E26 Oncogene Homolog 1 (Avian);Isoform CRA_a;ETS1;hCG_1732038
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Thr 272
<b>Accession</b>	P14921-5
<b>Calculated Molecular Weight</b>	33.0 kDa
<b>Observed molecular weight</b>	38 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, 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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

ETS1 Protein (ETS1) is a nuclear protein that belongs to the ETS family. Members of this family recognize the core

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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.