



Product Datasheet

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| Product Name | Ets-1 Human Recombinant |
| Cata No | CB501117 |
| Source | <i>Escherichia Coli.</i> |
| Synonyms | Protein C-ets-1, ETS-1, p54, ETS1, EWSR2, FLJ10768. |

Description

The proto-oncogene c-Ets-1 is a transcription factor known to regulate expression of a number of genes involved in extracellular matrix remodeling, control numerous genes and are involved in stem cell development, cell senescence and death, and tumorigenesis. Ets-1 interacts with the urokinase-type plasminogen activator gene enhancer and with the promoters of stromelysins-1 and collagenase-1 gene which may implicate it in this process.

The conserved ETS domain inside these proteins is a winged helix-turn-helix DNA-binding domain that recognizes the core consensus DNA sequence GGAA/T of target genes.

Ets-1 Human Recombinant (aa 220-442) expressed in E.coli, shows a 48 kDa band on SDS-PAGE (Including GST).

The Ets-1 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Formulation

Ets-1 protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Please prevent freeze-thaw cycles.

Applications

- ELISA
- Inhibition Assays
- Western Blotting