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ETS-1 Human Recombinant RECOMBINANT PROTEIN

Catalog Number: PRP-501
Quantity: 2 micrograms, 5 micrograms, 10 micrograms
Format: Sterile-filtered clear solution
Host: *E. coli*

Background:

The proto-oncogene c-ETS-1 is a transcription factor known to regulate expression of a number of genes involved in extracellular matrix remodeling. It is also involved in stem cell development, cell senescence, cell death, and tumorigenesis. ETS-1 interacts with the urokinase-type plasminogen activator gene enhancer and with the promoters of the stomelysin-1 and collagenase-1 genes. 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.

Specificity and Preparation:

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. Formulation: ETS1 protein at 100 μ g/ml in 50mM tris-acetate, pH 7.5, 1 mM EDTA and 20% glycerol.

Usage and Storage:

Reported to be effective for ELISA, inhibition assays, immunoblotting (western blot). Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

To view protocol(s) for this and other products please visit: www.ATSBio.com/support/protocols