

ETS1 Human

Description: ETS1 Human Recombinant (aa 220-442) expressed in E.coli, shows a 48 kDa band on SDS-PAGE (Including GST). The ETS1 is purified by proprietary chromatographic techniques.

Catalog #: PRPS-508

Synonyms: Protein C-ets-1, ETS-1, p54, ETS1, EWSR2, FLJ10768.

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Formulation:

ETS1 protein 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

ELISA Inhibition Assays Western Blotting.

Introduction:

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.

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