

Recombinant Human ELF3

Catalog No: #GP13355



Package Size: #GP13355-1 100ug

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Description

Product Name	Recombinant Human ELF3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-200 amino acids of human ELF3
Target Name	E74 like ETS transcription factor 3
Other Names	ERT; ESX; EPR-1; ESE-1
Accession No.	Swissprot:P78545Gene Accession:BC003569
Uniprot	P78545
GeneID	1999;
Storage	-20~-80°C, pH 7.6 PBS

Background

Transcriptional activator that binds and transactivates ETS sequences containing the consensus nucleotide core sequence GGA[AT]. Acts synergistically with POU2F3 to transactivate the SPRR2A promoter and with RUNX1 to transactivate the ANGPT1 promoter. Also transactivates collagenase, CCL20, CLND7, FLG, KRT8, NOS2, PTGS2, SPRR2B, TGFBR2 and TGM3 promoters. Represses KRT4 promoter activity. Involved in mediating vascular inflammation. May play an important role in epithelial cell differentiation and tumorigenesis. May be a critical downstream effector of the ERBB2 signaling pathway. May be associated with mammary gland development and involution. Plays an important role in the regulation of transcription with TATA-less promoters in preimplantation embryos, which is essential in preimplantation development (By similarity).

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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