

Recombinant Human ELF5

Cat. No. ELF5-28286TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human ELF5 with N terminal proprietary tag. Predicted MW 36.41 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	98 amino acids
Description	The protein encoded by this gene is a member of an epithelium-specific subclass of the Ets transcription factor family. In addition to its role in regulating the later stages of terminal differentiation of keratinocytes, it appears to regulate a number of epithelium-specific genes found in tissues containing glandular epithelium such as salivary gland and prostate. It has very low affinity to DNA due to its negative regulatory domain at the amino terminus. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Molecular Weight	36.410kDa inclusive of tags
Tissue specificity	Expressed exclusively in tissues with a high content of epithelial cells. Highly expressed in salivary gland, mammary gland, kidney and prostate. Weakly expressed in placenta and lung. Isoform 1 and isoform 2 are differentially expressed in different tiss
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	SRTSLQSSHLWEFVRDLLLSPEENCGILEWEDREQGIFRVVKSEALAKMWGQRKKN DRMTYEKLSRALRYYYKTGILERVDRRLVYKFGKNAHGWQED
Sequence Similarities	Belongs to the ETS family.Contains 1 ETS DNA-binding domain.Contains 1 PNT (pointed) domain.

GENE INFORMATION

Gene Name	ELF5 E74-like factor 5 (ets domain transcription factor) [Homo sapiens]
Official Symbol	ELF5
Synonyms	ELF5; E74-like factor 5 (ets domain transcription factor); ETS-related transcription factor Elf-5;
Gene ID	2001
mRNA Refseq	NM_001243080
Protein Refseq	NP_001230009
MIM	605169
Uniprot ID	Q9UKW6

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Chromosome Location	11p13-p12
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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