

Recombinant Human ELF5, GST-tagged

Cat. No. ELF5-902H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELF5 (1 a.a. - 255 a.a.) fused with GST-tag at N-terminal, was expressed in vitro wheat germ expression system.
Species	Human
Source	Wheat Germ
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 Mass	53.68 kDa
Sequence	MLDSVTHSTFLPNASFCDPLMSWTDLFSNEEYYPAFEHQTACDSYWTSVHPEYWT KRHVWEWLQFCCDQYKLDTNCISFCNFNISGLQLCSMTQEEFVEAAGLCGEYLYFIL QNIRTQGYSFFNDAEESKATIKDYADSNCLKTSGIKSQDCHSHSRTSLQSSHLWEFV RDLLLSPEENCGILEWEDREQGIFRVVKSEALAKMWGQRKKNDRMTYEKLSRALRY YYKTGILERVDRRLVYKFGKNAHWQEDKL
Purification	Glutathione Sepharose 4 Fast Flow

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Storage buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Applications	ELISA; WB
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.
OfficialSymbol	ELF5

GENE INFORMATION

Gene Name	ELF5 E74-like factor 5 (ets domain transcription factor) [Homo sapiens]
Synonyms	ELF5; ESE2; E74-like factor 5 (ets domain transcription factor); ETS-related transcription factor Elf-5; epithelium-restricted ESE-1-related Ets factor; epithelium-specific Ets transcription factor 2; Epithelium-restricted ESE-1-related Ets factor; Epithelium-specific Ets transcription factor 2; ESE-2; E74-like factor 5
Gene ID	2001
mRNA Refseq	NM_001243080
Protein Refseq	NP_001230009
MIM	605169
UniProt ID	Q9UKW6
Chromosome Location	11p13-p12

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Function

sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity

**PDB rendering
based on 1wwx.**

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