

## Recombinant Human ELK3 Protein, GST-tagged

**Cat. No.** ELK3-3244H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ELK3 full-length ORF ( NP_005221.2, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene encodes a member of the ETS-domain transcription factor family and the ternary complex factor (TCF) subfamily. Proteins in this subfamily regulate transcription when recruited by serum response factor to bind to serum response elements. This protein is activated by signal-induced phosphorylation; studies in rodents suggest that it is a transcriptional inhibitor in the absence of Ras, but activates transcription when Ras is present. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015] |
| <b>Molecular Mass</b>   | 70.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MESAITLWQFLLQLLLDQKHEHLICWTSNDGEFKLLKAEVAKLWGLRKNKTNMNY<br>DKLSRALRYYYDKNIIKKVIGQKFVYKFVSFPEILKMDPHAVEISRESLLLQDSDCKAS<br>PEGREAHKHGLAALRSTSRNEYIHSGLYSSFTINSLQNPPDAFKAIKTEKLEPPEDS<br>PPVEEVRTVIRFVTNKTDKHAVTRPVVSLPSTSEAAAASAFLASSVSAKISSLMLPNAA<br>SISSASPFSSRSPSLSPNSPLPSEHRSLEAACHSDSLEPLNLSSGSKTKSPSLPP<br>KAKKPKGLEISAPPLVLSGTDIGSIALNSPALPSGSLTPAFFTAQTPNGLLLTPSPLLS<br>SIHFWSSLSPVAPLSPARLQGPSTLFQFPTLLNGHMPVPIPSLDRAASPVLLSSNSQK                                                                                                               |

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| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                               |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                          |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                        |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>        | <a href="#">ELK3 ELK3, ETS-domain protein (SRF accessory protein 2) [ Homo sapiens ]</a>                                                                                                                                                                        |
| <b>Official Symbol</b>  | <a href="#">ELK3</a>                                                                                                                                                                                                                                            |
| <b>Synonyms</b>         | ELK3; ELK3, ETS-domain protein (SRF accessory protein 2); ETS domain-containing protein Elk-3; ERP; NET; SAP2; SAP-2; ETS-domain protein; ETS-related protein ERP; ETS-related protein NET; SRF accessory protein 2; serum response factor accessory protein 2; |
| <b>Gene ID</b>          | <a href="#">2004</a>                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>      | <a href="#">NM_005230</a>                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>   | <a href="#">NP_005221</a>                                                                                                                                                                                                                                       |
| <b>MIM</b>              | <a href="#">600247</a>                                                                                                                                                                                                                                          |

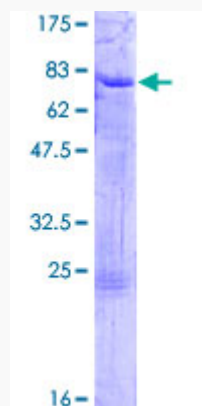
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UniProt ID P41970

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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