

Recombinant Human ELK1 protein, GST-tagged

Cat. No. ELK1-6733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELK1 protein(161-320 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	161-320 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	TFTIQSLQPQPPPHPRPAVVLPSAAPAGAAAPPSGSRSTSPSPLEACLEAEEAGLPL QVILTPPEAPNLKSEELNVEPGLGRALPPEVKVEGPKEELEVAGERGFVPETTKAEP EVPPQEGVPARLPAVVMDDTAGQAGGHAASSPEISQPQKGRKPRDLE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	ELK1 ELK1, member of ETS oncogene family [Homo sapiens]
Official Symbol	ELK1
Synonyms	ELK1; ELK1, member of ETS oncogene family; ETS domain-containing protein Elk-1; ETS-like gene 1; tyrosine kinase (ELK1) oncogene;
Gene ID	2002
mRNA Refseq	NM_001114123
Protein Refseq	NP_001107595
MIM	311040
UniProt ID	P19419

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SDS-PAGE

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