

## Recombinant Human ENC1 protein, GST-tagged

**Cat. No.** ENC1-8443H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ENC1 protein(240-589 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 240-589 aa                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.                                                                                 |
| <b>AASequence</b>       | LLPAIYLMENVAMEELITKQRKSKEIVEEAI RCKLKILQNDGVVTS L CARPRKTGHALF<br>LLGGQTFMCDKLYLVDQKAKEIIPKADIPSPRKEFSACAIGCKVYITGGRGSENGVSK<br>DVWVYDTLHEEWSKAAPMLVARFGHGS AELKHCLYVVGHTAATGCLPASPSVSL<br>KQVEHYDPTINKWTMVAPLREGVSNA AVVSAKCLKLFAFGGTSVSHDKLPKVQCYDQ<br>CENRWTVPATCPQPWRYTAAAVLGNQIFIMGGDTEFSACSAYKFNSEYQWTKVG<br>DVTAKRMSCHAVASGNKLYVVGGYFGIQRCKTLDCYDPTLDVWNSITTVPYSLIPTA<br>FVSTWKHLPS |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,                                                                                                                                                                                                                                                                                                      |

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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 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** [ENC1 ectodermal-neural cortex 1 \(with BTB-like domain\) \[ Homo sapiens \]](#)

**Official Symbol** [ENC1](#)

**Synonyms** ENC1; ectodermal-neural cortex 1 (with BTB-like domain); NRPB; ectoderm-neural cortex protein 1; ENC 1; kelch like 37 (Drosophila); KLHL37; PIG10; TP53I10; kelch-like 35; kelch-like protein 37; p53-induced gene 10 protein; nuclear matrix protein NRP/B; tumor protein p53 inducible protein 10; nuclear restricted protein, BTB domain-like (brain); CCL28; ENC-1; KLHL35; FLJ39259; FLJ57577;

**Gene ID** [8507](#)

**mRNA Refseq** [NM\\_001256574](#)

**Protein Refseq** [NP\\_001243503](#)

**MIM** [605173](#)

**UniProt ID** [O14682](#)

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**SDS-PAGE**

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