

Recombinant Human ENC1, His-tagged

Cat. No. ENC1-28558TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 261-582 of Human ENC1 with N terminal His tag; 322 amino acids, 37kDa.
Species	Human
Source	E.coli
ProteinLength	261-582 a.a.
Description	DNA damage and/or hyperproliferative signals activate wildtype p53 tumor suppressor protein (TP53; MIM 191170), inducing cell cycle arrest or apoptosis. Mutations that inactivate p53 occur in 50% of all tumors. Polyak et al.
Conjugation	HIS
Tissue specificity	Detected in fetal brain tissue, moderate expression in fetal heart, lung and kidney. Highly expressed in adult brain, particularly high in the hippocampus and amygdala, and spinal chord. Detectable in adult pancreas.
Form	Lyophilised:Reconstitute with 117 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

KSKEIVEEAIRCKLKILQNDGVVTS LCARPRKTGHALFLL GGQTFMCDKLYLVDQKA
KEIIPKADIPSPRKEFSACAI GCKVYITGGRGSENGVSKDVVVYDTLHEEWSKAAPM
LV ARFGHGSAELKHCLYVVGHTAATGCLPASPSVSLKQVEH YDPTINKWTMVAP
LREGVSNAAVVSAKLLKFAFGGTSV SHDKLPKVQCYDQCENRWTVPATCPQPWR
YTAAAVLGN QIFIMGGDTEFSACSAYKFNSEYQWTKVGDVTAKRMS CHAVASGN
KLYVVGGYFGIQRCKTLD CYDPTLDVWNSITT VPYSLIPTAFVS

Sequence Similarities

Contains 1 BTB (POZ) domain.Contains 6 Kelch repeats.

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;

Gene ID [8507](#)

mRNA Refseq [NM_003633](#)

Protein Refseq [NP_003624](#)

MIM [605173](#)

Uniprot ID [O14682](#)

Chromosome Location 5q13

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Function

actin binding;

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