

Recombinant Human ENC1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ENC1 protein(240-589 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	240-589 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	LLPAIYLMENVAMEELITKQRKSKEIVEEAIKCKLILQNDGVVTSLCARPRKTGHALF LLGGQTFMCDKLYLVDQKAKEIIPKADIPSPRKEFSACAIGCKVYITGGRGENGVSK DVWVYDTLHEEWSKAAPMLVARFGHGSaelKHCLYVVGHTAATGCLPASPSVSL KQVEHYDPTINKWTMVAPLREGVSNAAVVSakLKLFAFGGTSVSHDKLPKVQCYDQ CENRWTVPATCPQPWRYTAAAVLGNQIFIMGGDTEFSACSAYKFNSEYQWTKVG DVTAKRMSCHAVASGNKLYVVGgyFGIQRCKTLDCYDPTLDVWNSITTVPYSLIPTA FVSTWKHLPS
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,

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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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