

Recombinant Full Length Human ENC1 Protein, GST-tagged

Cat. No. ENC1-4291HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ENC1 full-length ORF (NP_003624.1, 1 a.a. - 589 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	589 amino acids
Description	This gene encodes a member of the kelch-related family of actin-binding proteins. The encoded protein plays a role in the oxidative stress response as a regulator of the transcription factor Nrf2, and expression of this gene may play a role in malignant transformation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Molecular Mass	92.5 kDa
AA Sequence	MSVSVHENRKSRRSSGSINIYLFHKSSYADSVLTHLNLLRQQRLFTDVLLHAGNRTF PCHRAVLAACSRIFYEAMFSGGLKESQDSEVNFDNSIHPEVLELLLDYAYSSRVIINEE NAESLLEAGDMLEFQDIRDACADEFLEKNLHPTNCLGMLLLSDAHQCTKLYELSWRM CLSNFQTIRKNEDFLQLPQDMVVQLLSSEELETERLVYESAINWISYDLKKRYCYL PELLQTVRLALLPAIYLMENVAMEELITKQRKSKEIVEEAIRCKLKILQNDGVVTSLCA RPRKTGHALFLLGGQTFMCDKLYLVDQKAKEIIPKADIPSPRKEFSACAIGCKVYITG GRGSENGVSKDVWVYDTLHEEWSKAAPMLVARFGHGS AELKHCLYVVGHTAAT GCLPASPSVSLKQVEHYDPTINKWTMVAPLREGVSNAAVVSAKLKLF AFGGTSVSH

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DKLPKVQCYDQCENRWTPATCPQPWRYTAAVLGNQIFIMGGDTEFSACSAYKF
NSETYQWTKVGDVTAKRMSCHAVASGNKLYVVGGYFGIQRCKTLDCYDPTLDVWN
SITTPYSLIPTAFVSTWKHLPS

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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Protein Refseq	NP_001243503
MIM	605173
UniProt ID	O14682

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