

# Recombinant Full Length Human ENC1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human ENC1 full-length ORF ( NP_003624.1, 1 a.a. - 589 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	589 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	92.5 kDa
<b>AA Sequence</b>	MSVSVHENRKSRRASSGSINIYLFHKSSYADSVLTHLNLLRQQRLFTDVLLHAGNRTF PCHRAVLAACSRIFEAMFSGGLKESQDSEVNFDNSIHPEVLELLLDYAYSSRVIINEE NAESLLEAGDMLEFQDIRDACAEFLEKNLHPTNCLGMLLLSDAHQCTKLYELSWRM CLSNFQTIRKNEDFLQLPQDMVVQLLSSEELETERLVYESAINWISYDLKKRYCYL PELLQTVRLALLPAIYLMENVAMEELITKQRKSKEIVEEAIRCKLKILQNDGVVTSLCA RPRKTGHALFLLGGQTFMCDKLYLVDQKAKEIIPKADIPSPRKEFSACAIGCKVYITG GRGSENGVSKDVWVYDTLHEEWSKAAPMLVARFGHGS AELKHCLYVVGHTAAT GCLPASPSVSLKQVEHYDPTINKWTMVAPLREGVSNAAVVS AKLKLFAFGGTSVSH

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DKLPKVQCYDQCENRWTVPATCPQPWRYTAAAVLGNQIFIMGGDTEFSACSAYKF  
 NSETYQWTKVGDVTAKRMSCHAVASGNKLYVVGGYFGIQRCKTLDCYDPTLDVWN  
 SITTPYSLIPTAFVSTWKHLPS

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ENC1 ectodermal-neural cortex 1 (with BTB-like domain) [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">ENC1</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">8507</a>
<b>mRNA Refseq</b>	<a href="#">NM_001256574</a>

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**Protein Refseq** NP\_001243503

**MIM** 605173

**UniProt ID** O14682

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