

Recombinant Human EN2 Protein, His-tagged

Cat. No. EN2-1424H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EN2 Protein (His64-Arg246) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His64-Arg246
Description	Homeobox-containing genes are thought to have a role in controlling development. In Drosophila, the 'engrailed' (en) gene plays an important role during development in segmentation, where it is required for the formation of posterior compartments. Different mutations in the mouse homologs, En1 and En2, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.7 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

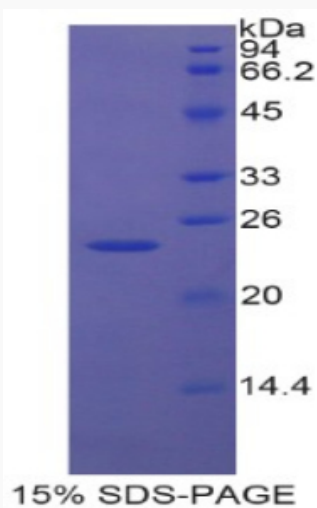
 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	EN2 engrailed homeobox 2 [Homo sapiens (human)]
Official Symbol	EN2
Synonyms	EN2; engrailed homeobox 2; homeobox protein engrailed-2; hu-En-2; engrailed-2; engrailed homolog 2; homeobox protein en-2;
Gene ID	2020
mRNA Refseq	NM_001427
Protein Refseq	NP_001418
MIM	131310
UniProt ID	P19622

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA