



EN2, CT-2 (Homeobox Protein Engrailed-2, Homeobox Protein en-2, Hu-En-2) (FITC)

Catalog number

E2270-10C-FITC

Supplier

United States Biological

EN2 is thought to have a role in controlling development. In *Drosophila*, the protein 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. This protein has been implicated in the control of pattern formation during development of the central nervous system.

Applications

Suitable for use in FLISA and Western Blot. Other applications not tested.

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:50-1:100

Optimal dilutions to be determined by the researcher.

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

Synthetic peptide selected from the C-terminal region of human EN2 (KLH).

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes human EN2.

Product Type

Pab

**Source**

human

Isotype

IgG

Grade

Affinity Purified

Applications

FL WB

Crossreactivity

Hu

Storage

-20°C

MW

34.211

Detection Method

FITC

Reference

1. Poole S.J., Law M.L. Genomics 4:225-231(1989). 2. Benayed R., Gharani N. Am. J. Hum. Genet. 77:851-868(2005).