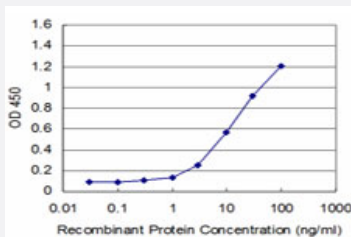


# EN1 monoclonal antibody (M02), clone 3E5

Catalog # H00002019-M02

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EN1 is approximately 1ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length recombinant EN1.
<b>Immunogen</b>	EN1 (NP_001417, 266 a.a. ~ 392 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	SQQPLVWPAWVYCTRYSDRPSSGPTRKLLKKKKNEKEDKRPRTAFTAEQLQRLKAEFQANRYIT EQRRQTLAQELSLNESQIKIWFQNKRAKIKKATGIKNGLLALHLMAQGLYNHSTTTVQDKDESE*
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (100)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EN1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — EN1

Entrez GeneID [2019](#)

GeneBank Accession# [NM\\_001426](#)

Protein Accession# [NP\\_001417](#)

Gene Name EN1

Gene Alias -

Gene Description engrailed homeobox 1

Omim ID [131290](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** OTTHUMP00000162091|engrailed homolog 1

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Mental Disorders](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Sudden Infant Death](#)