Recombinant Human EN2 Protein, GST-tagged

Cat. No. EN2-3298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EN2 partial ORF (NP_001418.2, 86 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	39.38 kDa
AA Sequence	GTCCAGAGGGRGGGAGGEGGASGAEGGGGAGGSEQLLGSGSREPRQNPPCAP GAGGPLPAAGSDSPGDGEGGSKTLSLHGGAKKGGDPGGPLDGSLKARGLGGGDL SVSSDSDSSQAGANLGAQP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

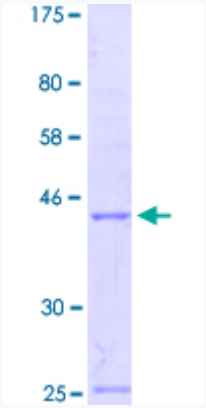
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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	EN2 engrailed homeobox 2 [Homo sapiens]
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

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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