

Homeobox protein engrailed-1 (EN1) Recombinant Protein | EN1 recombinant protein

Recombinant Human Homeobox protein engrailed-1 (EN1)

CATALOG #
AAA113900

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Homeobox protein engrailed-1 (EN1); Recombinant Human Homeobox protein engrailed-1 (EN1); EN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-392, Full length protein
Sequence	MEEQQPEPKS QRDSALGAAA AATPGGLSL SLPGASGSSG SGSDGDSVPV SPQPAPPSPP AAPCLPPLAH HPLPHPPPP PPPQHLAAPA HQQPAAQLH RTTNFFIDNI LRPDFGCKKE QPPPQLLVAA AARGGAGGGG RVERDRGQTA AGRDPVHPLG TRAPGAASLL CAPDANCGRP DGSQPAAAGA GASKAGNPAA AAAAAAAVA AAAAAAAKP SDTGGGGSGG GAGSPGAQGT KYPEHGNPAI LLMGSANGGP VVKTDSQQPL VWPWWYCTR YSDRPSSGPR TRKLKKKKNE KEDKRPTAF TAEQLQLKA EFQANRYITE QRRQTLAQEL SLNESQIKIW FQNKRAKIKK ATGIKNGLAL HLMAQGLYNH STTTVQDKDE SE
Sequence Length	392
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for EN1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126090909
NCBI GeneID	2019
NCBI Accession #	NP_001417.3
NCBI GenBank Nucleotide #	NM_001426.3
UniProt Accession #	Q05925; Q4ZG44
Molecular Weight	40,115 Da
NCBI Official Full Name	homeobox protein engrailed-1
NCBI Official Synonym Full Names	engrailed homeobox 1

NCBI Official Symbol	EN1
NCBI Protein Information	homeobox protein engrailed-1
UniProt Protein Name	Homeobox protein engrailed-1
UniProt Gene Name	EN1
UniProt Synonym Gene Names	Homeobox protein en-1; Hu-En-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/en1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113900>