

Enolase 1 (ENO1), Recombinant Protein

Cat *RP10444*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1*

Species *mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*
Zea mays (Mäize)

Full Product Name

Recombinant Zea mays Enolase 1 (ENO1)

Product Gene Name

ENO1 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MAVTITWVKA RQIFDSRGNP TVEVDVGLSD GSYARGAVPS GASTGIYEAL ELRDGGSDYL GKGVLKAVSN
VNNIIGPAIV GKDPTEQVEI DNFMVQQLDG TSNEWGWCKQ KLGANAILAV SLAVCKAGAM VKKIPLYQHI
ANLAGNKTLV LPVPAFNVIN GGSHAGNKLA MQEFMILPTG ASSFKEAMKM GVEVYHNLKS IIKKKYGQDA
TNVGDEGGFA PNIQENKEGL ELLKAAIEKA GYTGVVIGM DVAASEFFGE KDKTYDLNFK EENNDGSNKI
SGDSLKDLYK SFVSEYPIES IEDPFDQDDW STYAKLTDEI GQKVQIVGDD LLVTNPTRVA KAINKTCNA
LLKVNQIGS VTESIEAVRM SKRAGWGVMA SHRSGETEDT FIADLSVGLS TGQIKTGAPC RSERLAKYNQ
LLRIEELGD AAVYAGAKFR APVEPY

Sequence Positions

1-446, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

48,064 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Enolase

NCBI Accession

NP_001105896.1

NCBI GI

162458207

NCBI GenBank Nucleotide

NM_001112426.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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732811 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

enolase 1

NCBI Official Symbol

eno1

NCBI Official Synonym Symbols

Pgh1; pENO1; GRMZM2G064302

NCBI Protein Information

enolase 1

UniProt Gene Name

ENO1

UniProt Synonym Gene Names

PGH1

UniProt Protein Name

Enolase 1

UniProt Synonym Protein Names

2-phospho-D-glycerate hydro-lyase 1; 2-phosphoglycerate dehydratase 1

UniProt Primary Accession

P26301

UniProt Related Accession

P26301

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