

Enolase 2 (ENO2), Recombinant Protein

Cat RP10451

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 2 (ENO2)

Product Gene Name

ENO2 recombinant protein

Purity

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

Sequence

MAATIQSVKA RQIFDSRGNP TVEVDVFCSD GTFARAAVPS GASTGVYEAL ELRDGGSYYL GKGVSKAVNN
VNSVIGPALI GKDPATAQTEI DNFMVQQLDG TKNEWGWCKQ KLGANAILAV SLAVCKAGAS IKRIPLYQHI
ANLAGNKQLV LPVPFNVIN GGSHAGNKLA MQEFMILPTG AASFKEAMKM GVEVYHHLKS VIKKKYGQDA
TNVGDEGGFA PNIQENKEGL ELLKTAIEKA GYTGVVIGM DVAASEFYSD KDQTYDLNFK EENNDGSQKI
SGDSLKNVYK SFVSEYPIVS IEDPFDQDDW VHYAKMTEEI GEQVQIVGDD LLVTNPTRVA KAIKEKSCNA
LLKVNQIGS VTESIEAVKM SKRAGWVMT SHRSGETEDT FIADLAVGLS TGQIKTGAPC RSERLAKYNQ
LLRIEEELGA IAVYAGAKFR 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

48,163 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_001105371.1

NCBI GI

162460735

NCBI GenBank Nucleotide

NM_001111901.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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542316 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 2

NCBI Official Symbol

eno2

NCBI Official Synonym Symbols

enolase2; GRMZM2G048371

NCBI Protein Information

enolase 2

UniProt Gene Name

ENO2

UniProt Protein Name

Enolase 2

UniProt Synonym Protein Names

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

UniProt Primary Accession

P42895

UniProt Related Accession

P42895

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