

# Homeobox protein knotted-1-like 3, Recombinant Protein

Cat *RP16064*

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*)  
Malus domestica (Apple) (Pyrus malus)

## Full Product Name

Recombinant Malus domestica Homeobox protein knotted-1-like 3

## Purity

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

## Sequence

MAYHNHLSQD LPLHHFTDQT HHQHQQYQSD QPDPNSKPPE PHHSFQPAPN WLNSALLRNF TNTDTNPTNS  
NNANNNGGGV SNFLNLHVTA SDSAASQASN QWLSQSHRPI LHRNHSDVND DVTVAGDSMI AAALSHDSAD  
LKPDSILNKN EGGGGDGGVM NWQNARHKA E ILAHPLYEPL LSAHVAQLRI ATPVDQLPRI DAQLAQSQNV  
VAKYSALGNG MVGDDKELDQ FMRNYVLLLC SFKEQLQGHV RVHAMEAVMA CWEIEQSLQS LTGVSPGEGT  
SATMSDDEDD QVDSANLFD EGMEGHDSMG FGPLIPIESE RSLMERVRQE LKHELKQGYK EKIVDIREEI  
LRKRRAGKLP GDTTSVLKAW WQSHSKWPYP TEEDKARLVQ ETGLQLKQIN NWFINQRKRN WHSNPSTSTV  
LKSKRKR

## Sequence Positions

1-427, 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

47,933 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

Homeobox protein

## NCBI Accession #

O04136.1

## NCBI GI #

3023961

## NCBI Official Full Name

Homeobox protein knotted-1-like 3

## UniProt Protein Name

Homeobox protein knotted-1-like 3

## UniProt Synonym Protein Names

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

KNAP3 mg (Baculovirus)/1 mg (E-Coli)/0.1 mg (Mammalian-Cell)/1 mg  
(Yeast)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)

## UniProt Primary Accession #

O04136

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