

# Homeobox protein knotted-1-like 8 (OSH43), Recombinant Protein

Cat RP12504

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

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Species Oryza sativa subsp. japonica (Rice)

## Full Product Name

Recombinant Oryza sativa subsp. japonica Homeobox protein knotted-1-like 8 (OSH43)

## Product Gene Name

OSH43 recombinant protein

## Product Synonym Gene Name

OSH43

## Purity

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

## Sequence

MESFASLAGG GSSSTTARLP ELISPENPDH ISPPPLLYQL LAGPESSARQ HGHDGHHHGG GGGEAAAAAV  
QGQVSPAGAE AAVKAEIMSH PQYSALLAAY LGCKKVGAPP DVLTKLTAVP AAQQLDEADG HPRRRHEPQR  
DDDPDQLDQF MDAYCSMLTR YREELERPIL EAAEFFSRVE TQLDSLAESEN CEGTGSSEEE QDPSDKQLKH  
QLLRKYGGSL GDLRQVFSKR TTKGKLPKEA RQKLLHWWEL HYKWPYPSEM EKMTLAQTTG LDQKQINNWF  
INQRKRHWKP TPVAGTAFPT MEAAGGGFRH SGHGGGLAAA AALPLYMGRP FVVDGMYRLG S

## Sequence Positions

1-341, 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

36,673 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.

## NCBI Accession #

Q10ED2.1

## NCBI GI #

122246824

## NCBI Official Full Name

Homeobox protein knotted-1-like 8

## UniProt Gene Name

OSH43

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Homeobox protein knotted-1-like 8 (OSH43), Recombinant Protein

Cat *RP12504*

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*

**UniProt Protein Name**  
*mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
Homeobox protein knotted-1-like 8

## UniProt Synonym Protein Names

Homeobox protein OSH43

## UniProt Primary Accession #

Q10ED2

## UniProt Secondary Accession #

Q6AU58; Q9XIV5

## UniProt Comments

Probable transcription factor that may be involved in shoot formation during embryogenesis.

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