

# 26S protease regulatory subunit 6A homolog (TBP1), Recombinant Protein

Cat RP11311

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

## Full Product Name

Recombinant Oryza sativa subsp. japonica 26S protease regulatory subunit 6A homolog (TBP1)

## Product Gene Name

TBP1 recombinant protein

## Purity

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

## Sequence

MSSPPAAAA AMAVDDADDD QLASMSTEDI VRATRLLDNE TRVLKDELQR TNLEVESYKE KIKENQEIK  
LNKQLPYLVG NIVEILEMNP EDEAEEDGAN IDLDSQRK GK CVVLKTSTRQ TIFLPVIGLV DPEKLPKPGDL  
VGVNKDSYLI LDTLPSEYDS RVKAMEVDEK PTEDYNDIGG LEKQIQELVE AIVLPMTHKD RFQKLGIRPP  
KGVLLYGPPG TGKTLMARAC AAQTNATFLK LAGPQLVQMF IGDGAKLVRD AFQLAKEKSP CIIFIDEIDA  
IGTKRFDSEV SGDREVQRTM LELLNQLDGF SSDERIKVIA ATNRADILDP ALMRSGRLLDR KIEFPHPSEE  
ARARILQIHS RKMNVNPDVN FEELARSTDD FNGAQLKAVC VEAGMLALRR DATEVTHEDF NEGIIQVQAK  
KKSSLNYYA

## Sequence Positions

1-429, 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

29,572 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

TATA-box-binding protein

## NCBI Accession #

XP\_015625151.1

## NCBI GI #

1002241847

## NCBI GenBank Nucleotide #

XM\_015769665.1

**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*

**NCBI GeneID**  
*mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
4331050

## NCBI Official Full Name

26S protease regulatory subunit 6A homolog

## NCBI Official Symbol

LOC4331050

## NCBI Official Synonym Symbols

TBP1; TBP-1; OsRPT5a

## NCBI Protein Information

26S protease regulatory subunit 6A homolog

## UniProt Gene Name

TBP1

## UniProt Synonym Gene Names

OsRPT5a; TBP-1

## UniProt Protein Name

26S proteasome regulatory subunit 6A homolog

## UniProt Synonym Protein Names

Tat-binding protein homolog 1; TBP-1

## UniProt Primary Accession #

P46465

## UniProt Secondary Accession #

Q0DWP6; Q69SI9; Q8W421

## UniProt Related Accession #

P46465

## UniProt Comments

The 26S proteasome is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex .

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