

Recombinant Human SUB1, His-tagged

Cat. No. SUB1-30794TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PC4 with N terminal His tag; 147 amino acids with tag, MWt 16.5kDa.
Species	Human
Source	E.coli
ProteinLength	127 amino acids
Description	Activated RNA polymerase II transcriptional coactivator p15 also known as positive cofactor 4 (PC4) or SUB1 homolog is a protein that in humans is encoded by the SUB1 gene. The human SUB1 gene is named after an orthologous gene in yeast.
Conjugation	HIS
Molecular Weight	16.500kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.2M Sodium chloride, 5mM DTT, 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MPKSKELVSS SSSGSDSDSE VDKKLKRKKQ
VAPEKPVKKQ KTGETSRALS SSKQSSSRD DNMFQIGKMR YVSVRDFK GK
VLIDIREYWM DPEGEMKPGR KGISLNPEQW SQLKEQISDI DDAVRKL

Sequence Similarities

Belongs to the transcriptional coactivator PC4 family.

GENE INFORMATION

Gene Name

SUB1 SUB1 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

SUB1

Synonyms

SUB1; SUB1 homolog (*S. cerevisiae*); activated RNA polymerase II transcriptional coactivator p15; p14; p15; PC4;

Gene ID

10923

mRNA Refseq

NM_006713

Protein Refseq

NP_006704

MIM

600503

Uniprot ID

P53999

Chromosome Location

5p13.3

Function

DNA binding; protein binding; single-stranded DNA binding; transcription coactivator

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activity;

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