

Zinc finger protein CONSTANS-LIKE 9 (COL9), Recombinant Protein

Cat *RP01018*

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 *Arabidopsis thaliana* (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Zinc finger protein CONSTANS-LIKE 9 (COL9)

Product Gene Name

COL9 recombinant protein

Product Synonym Gene Name

COL9

Purity

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

Sequence

MGYMCDFCGE QRSMVYCRSD AACLCLSCDR SVHSANALSK RHSRTLVCER CNAQPATVRC VEERVSLCQN
CDWSGHNNNSN NNNSSSSSTS PQQHKRQTIS CYSGCPSSSE LASIWSFCLD LAGQSICEQE LGMMNIDDDG
PTDKKTCNED KKDVLVGSSS IPETSSVPQG KSSSAKDVG MCEDDFYGNLG MDEVDMALEN YEELFGTAFN
PSEELFGHGG IDSLFHKHQT APEGGNSVQP AGSNDSEFMSS KTEPICFAS KPAHSNISFS GVTGESSAGD
FQECGASSSI QLSGEPPWYP PTLQDNNACS HSVTRNNAVM RYKEKKKARK FDKRVRYASR KARADVRRRV
KGRFVKAGEA YDYPDLTPTR SY

Sequence Positions

1-372, 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

40,754 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

Zinc finger protein CONSTANS

NCBI Accession

NP_001030659.1

NCBI GI

79313159

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GenBank Nucleotide

NM_001035582.1

NCBI GeneID

819956

NCBI Official Full Name

CONSTANS-like 9

NCBI Official Symbol

COL9

NCBI Official Synonym Symbols

B-box domain protein 7; BBX7; CONSTANS-like 9

NCBI Protein Information

CONSTANS-like 9

NCBI Summary

This gene belongs to the CO (CONSTANS) gene family. This gene family is divided in three subgroups: groups III, to which COL9 belongs, is characterised by one B-box (supposed to regulate protein-protein interactions) and a second diverged zinc finger. COL9 downregulates expression of CO (CONSTANS) as well as FT and SOC1 which are known regulatory targets of CO.

UniProt Gene Name

COL9

UniProt Protein Name

Zinc finger protein CONSTANS-LIKE 9

UniProt Primary Accession

Q9SSE5

UniProt Secondary Accession

Q94A77

UniProt Related Accession

Q9SSE5

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