

Trihelix transcription factor GT-1, Recombinant Protein

Cat RP02056

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.5 mg (Yeast)/ 1 mg (E-Coli)/ 5x0.5 mg (Yeast)/ 5x1

mg (E-Coli)
Species

Arabidopsis halleri

Full Product Name

Recombinant Arabidopsis thaliana (Mouse-ear cress) Trihelix transcription factor GT-1

Product Synonym Names

Trihelix DNA-binding protein GT-1

Product Gene Name

GT-1 recombinant protein

Purity

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

Sequence

MFISDKSRPT DFYKDDHHNS STTSTTRDMM IDVLTTTNES VDLQSHHHHN HHNHHLHQSQ PQQQILLGES
SGEDHEVKAP KKRAETWVQD ETRSLIMFRR GMDGLFNTSK SNKHLWEQIS SKMREKGFDR SPTMCTDKWR
NLLKEFKKAK HHDRGNNGSAK MSYYKEIEDI LRERSKKVTP PQYNKSPNTP PTSAKVDSFM QFTDKGFDDT
SISFGSVEAN GRPALNLERR LDHDGHPLAI TTAVDAAVAN GVTPWNWRET PGNGDDSHGQ PFGGRVITVK
FGDYTRRIGV DGSAAEAIKEV IRSAGFLRTR RAFWLEDEDQ IIRCLDRDMP LGNYLLRLDD GLAIRVCHYD
ESNQLPVHSE EKIFYTEEDY REFLARQGWS SLQVDGFRNI ENMDDLQPGA VYRGVR

Sequence Positions

1-406aa; Full Length

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

48.7 kDa

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C.

Protein Family

Trihelix transcription factor

NCBI Accession

NP_001031036.1

NCBI GI

79317895

NCBI GenBank Nucleotide

NM_001035959.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(*Yeast*)/ 0.5 mg (*Yeast*)/ 1 mg (*E-Coli*)/ 5x0.5 mg (*Yeast*)/ 5x1

NCBI GeneID

837905

NCBI Official Full Name

trihelix transcription factor GT-1

NCBI Official Symbol

AT1G13450

NCBI Official Synonym Symbols

T6J4.18; T6J4_18

NCBI Protein Information

trihelix transcription factor GT-1

UniProt Gene Name

GT-1

UniProt Protein Name

Trihelix transcription factor GT-1

UniProt Synonym Protein Names

Trihelix DNA-binding protein GT-1

UniProt Entry Name

TGT1_ARATH

UniProt Primary Accession

Q9FX53

UniProt Secondary Accession

Q2L6T7; Q39116; B3H720

UniProt Related Accession

Q9FX53

UniProt Comments

Probable transcription factor that binds specifically to the core DNA sequence 5'-GGTTAA-3'. May act as a molecular switch in response to light signals.

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