

BTB/POZ and TAZ domain-containing protein 4 (BT4), Recombinant Protein

Cat *RP00353*

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* BTB/POZ and TAZ domain-containing protein 4 (BT4)

Product Gene Name

BT4 recombinant protein

Product Synonym Gene Name

BT4

Purity

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

Sequence

MVTGCVDLHQ SFKSADSSSV PIPPLPSKS DGLKKKLGH SSVSTATRDMW DRLFNDGYKA DVVIYTDNGS
IIYAHANILG TASTVIKGM LKQAKRHGKWH TISIRGVPHD AVRVFIRFLY SSCYEKEEMN EFIMHLLLS
HAYVVPQLKR VCEWHLEHGL LTTENVVDVF QLALLCDFPR LSLISHRMIM KHFNELSATE AWTAMKKSH
FLEKEVRDSV IIEANTRKER MRKRNDQRIY SQLYEAMEAL VHICRDGCKT IGPHDKDFKP NHATCNYEAC
KGLESIRHF AGCKLRVPGG CVHCKRMWQL LELHSRV CAG SDQCRVPLCR NLKEKMEKQS KKDESRWKL
VKNVLGSKKI GGSPFFLPVT NC

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

43,818 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

BTB/POZ and TAZ domain-containing protein

NCBI Accession

NP_001330470.1

NCBI GI

1063743873

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

BTB/POZ and TAZ domain-containing protein 4 (BT4), Recombinant Protein

Cat *RP00353*

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)

NCBI GenBank Nucleotide

NM_001345832.1

NCBI GeneID

836884

NCBI Official Full Name

BTB and TAZ domain protein 4

NCBI Official Symbol

BT4

NCBI Official Synonym Symbols

ATBT4; BTB and TAZ domain protein 4; K9I9.4; K9I9_4

NCBI Protein Information

BTB and TAZ domain protein 4

NCBI Summary

BTB and TAZ domain protein. Located in cytoplasm and expressed in fruit, flower and leaves.

UniProt Gene Name

BT4

UniProt Protein Name

BTB/POZ and TAZ domain-containing protein 4

UniProt Synonym Protein Names

BTB and TAZ domain protein 4

UniProt Primary Accession

Q9FJX5

UniProt Secondary Accession

Q3E848

UniProt Related Accession

Q9FJX5

UniProt Comments

May act as a substrate-specific adapter of an E3 ubiquitin-protein ligase complex (CUL3-RBX1-BTB) which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY