

Putative myrosinase 6 (TGG6), Recombinant Protein

Cat *RP01036*

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

Species mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 0.1 mg (*Mammalian-Cell*)/ 1
mg (*Yeast*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Putative myrosinase 6 (TGG6)

Product Gene Name

TGG6 recombinant protein

Product Synonym Gene Name

TGG6

Purity

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

Sequence

MQSRMQGQRT LQLRQNSCIQ PKWISQKNFT FGAATSAYQV EGAAHRALNG WDYFTHRYPE RVSDRSIGDL
ACNSYDLYKD DVKLLKRMNV QAYRFSIAWS RVLPGKRLIG GVDENGITYY>NNLINELKAN GIEPFVTIFH
WDVPQDFRRR IWRLLKPTYS DFKNYAELLF QRFGDRVKFW ITLNQPYSLA VKGYGDGQYP PGRCTDCEFG
GDSGTEPYIV GHHELLAHME AVSLYRKRYQ KFQGGKIGTT LIGRWFIPLN ETNDLDKAAA KREFDFSVLG
STGVRTISKD NERLGDRLPK FTPKQSALLK GSLDFLGLNY YVTRYATYRP PPMPTQHSLV TDSGVTIGFE
RNGVSIGVKA SINFDVKDLR HLVDFFLFVE LLLLSTRIPS DSKSHQKQEL LMLIANALAD NGRIQFQCSH
LSCLKAIED GCNVAGYFAW SLMDNYEFGN GYTLRFDMNW VNFTNPADRR EKASGKWFSR FIAK

Sequence Positions

1-484, 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

55,527 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

Putative myrosinase

NCBI Accession

Q9C8K1.2

NCBI GI

269969435

NCBI Official Full Name

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

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

mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

UniProt Gene Name

TGG6

UniProt Synonym Gene Names

BGLU36; AtBGLU36

UniProt Protein Name

Putative myrosinase 6

UniProt Synonym Protein Names

Beta-glucosidase 36; AtBGLU36; Sinigrinase 6; Thioglucosidase 6

UniProt Primary Accession

Q9C8K1

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