

GDSL esterase/lipase APG (APG), Recombinant Protein

Cat RP00488

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 GDSL esterase/lipase APG (APG)

Product Gene Name

APG recombinant protein

Product Synonym Gene Name

APG

Purity

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

Sequence

QLVPAIMTFG DSVVDVGNNN YLPTLFRADY PPYGRDFANH KATGRFCNGK LATDITAETL GFTKYPPAYL
SPEASGKNLL IGANFASAAS GYDDKAALLN HAIPLYQQVE YFKEYKSKLI KIAGSKKADS IIKGAICLLS
AGSSDFVQNY YVNPLLYKVY TVDAYGSFLI DNFSTFIKQV YAVGARKIGV TSLPPTGCLP AARTLFGFHE
KGCVSRLLNTD AQNFNKKLNA AASKLQKQYS DLKIVVFDIY SPLYDLVQNP SKSGFTEATK GCCGTGTVET
TSLLCNPKSF GTCSNATQYV FWDSVHPSEA ANEILATALI GQGFSLLG

Sequence Positions

26-353, 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

38,200 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

GDSL esterase/lipase

NCBI Accession

NP_188258.1

NCBI GI

15228189

NCBI GenBank Nucleotide

NM_112508.5

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(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 GeneID

820884

NCBI Official Full Name

GDSL-like Lipase/Acylhydrolase superfamily protein

NCBI Official Symbol

AT3G16370

NCBI Official Synonym Symbols

T2O4.2

NCBI Protein Information

GDSL-like Lipase/Acylhydrolase superfamily protein

UniProt Gene Name

APG

UniProt Protein Name

GDSL esterase/lipase APG

UniProt Synonym Protein Names

Extracellular lipase APG

UniProt Primary Accession

Q9LU14

UniProt Secondary Accession

O04320; Q42118

UniProt Related Accession

Q9LU14

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