

Probable carboxylesterase 3 (CXE3), Recombinant Protein

Cat RP01820

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 Probable carboxylesterase 3 (CXE3)

Product Gene Name

CXE3 recombinant protein

Product Synonym Gene Name

CXE3

Purity

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

Sequence

MESDLTTEHH LPFIRHKNG RVERLSGNDI KPTSLNPQND VVSKDVMYSS DHNLSVRMFL PNKSRKLDTA
GNKIPLLIYF HGGAYIIQSP FSPVYHNYLT EVVITANCLA VSVQYRLAPE HPVPAAYDDS WSAIQWIFSH
SDDWINEYAD FDRVFIAGDS AGANISHHMG IRAGKEKLSP TIKGIVMVHP GFWGKEPIDE HDVQDGEVRN
KIAYIWENIV SPNSVDGVND PWFNVVGS GS DVSEMGCEKV LVAVAGKDVF WRQGLAYAAK LEKSQWKGSV
EVIEEEEEGH CFHLHNHNSQ NASKLMQKFL EFIIS

Sequence Positions

1-315, 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

35,429 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

Probable carboxylesterase

NCBI Accession

NP_175387.1

NCBI GI

15222791

NCBI GenBank Nucleotide

NM_103852.3

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

841388

NCBI Official Full Name

alpha/beta-Hydrolases superfamily protein

NCBI Official Symbol

AT1G49640

NCBI Official Synonym Symbols

F14J22.12; F14J22_12

NCBI Protein Information

alpha/beta-Hydrolases superfamily protein

UniProt Gene Name

CXE3

UniProt Protein Name

Probable carboxylesterase 3

UniProt Synonym Protein Names

AtCXE3 (EC:3.1.1.1)

UniProt Primary Accession

Q9FX92

UniProt Secondary Accession

Q6E298

UniProt Related Accession

Q9FX92

UniProt Comments

Carboxylesterase acting on esters with varying acyl chain length.

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