

Probable carboxylesterase 5 (CXE5), Recombinant Protein

Cat RP01948

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 5 (CXE5)

Product Gene Name

CXE5 recombinant protein

Product Synonym Gene Name

CXE5

Purity

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

Sequence

MESEIASEFL PFCRIYKDGR VERLIGTDTI PASLDPTYDV VSKDVIYSPE NNLSVRLFLP HKSTKLTAGN
KLPLLIYIHG GAWIIESPFS PLYHNYLTV VKSANCLAVS VQYRRAPEDP VPAAYEDVWS AIQWIFAHNS
GSGPVDWINK HADFGKVFLG GDSAGGNISH HMAMKAGKEK KLDLKIKGIA VVHPAFWGTD PVDEYDVQDK
ETRSGIAEIW EKIASPNSVN GTDDPLFNVN GSGSDFSGLG CDKVLVAVAG KDVFVRQGLA YAAKLEKCEW
EGTVEVVEEE GEDHVHFLQN PKSDKALKFL KKFVEFIIG

Sequence Positions

1-319, 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

35,197 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_175389.1

NCBI GI

15222795

NCBI GenBank Nucleotide

NM_103854.3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GeneID

841390

NCBI Official Full Name

carboxylesterase 5

NCBI Official Symbol

CXE5

NCBI Official Synonym Symbols

AtCXE5; carboxylesterase 5; F14J22.11; F14J22_11

NCBI Protein Information

carboxylesterase 5

NCBI Summary

Encodes a protein with carboxylesterase whose activity was tested using pNA.

UniProt Gene Name

CXE5

UniProt Protein Name

Probable carboxylesterase 5

UniProt Synonym Protein Names

AtCXE5 (EC:3.1.1.1)

UniProt Primary Accession

Q9FX94

UniProt Related Accession

Q9FX94

UniProt Comments

Carboxylesterase acting on esters with varying acyl chain length.

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