Defensin-like protein 37 (EDA21), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP05108*

Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 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 Defensin-like protein 37 (EDA21)

Product Gene Name
EDA21 recombinant protein

Product Synonym Gene Name
EDA21

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

Sequence
TTAGRRDGKS GRTEWLYVAG ECAKLPRCNK YCVSNGFHLG GFCEKLSPQA SYLSCVCKYT

Sequence Positions
25-84, 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
7,647 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Defensin-like protein

NCBI Accession
NP_567399.3

NCBI GI
334186487

NCBI GenBank Nucleotide
NM_117394.4

NCBI GeneID
826940

NCBI Official Full Name

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embryo sac development arrest 21

NCBI Official Symbol
EDA21

NCBI Official Synonym Symbols
embryo sac development arrest 21

NCBI Protein Information
embryo sac development arrest 21

NCBI Summary
Encodes a defensin-like (DEFL) family protein.

UniProt Gene Name
EDA21

UniProt Protein Name
Defensin-like protein 37

UniProt Synonym Protein Names
Protein EMBRYO SAC DEVELOPMENT ARREST 21

UniProt Primary Accession
Q56XC2

UniProt Secondary Accession
Q9SVQ4; F4JSA4

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