Putative E3 ubiquitin-protein ligase ORTHRUS 4 (ORTH4), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP05055*

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana Putative E3 ubiquitin-protein ligase ORTHRUS 4 (ORTH4) , partial

Product Gene Name
ORTH4 recombinant protein

Product Synonym Gene Name
ORTH4

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

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
68,663 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
Putative E3 ubiquitin-protein ligase

NCBI Accession
NP_176778.1

NCBI GI
15218910

NCBI GenBank Nucleotide
NM_105275.2

NCBI GeneID
842917

NCBI Official Full Name
Zinc finger (C3HC4-type RING finger) family protein

NCBI Official Symbol
VIM4

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NCBI Official Synonym Symbols
F15E12.8; F15E12_8; ORTH4; ORTHRUS 4; VARIANT IN METHYLATION 4

NCBI Protein Information
Zinc finger (C3HC4-type RING finger) family protein

NCBI Summary
predicted to encode a protein with an N-terminal PHD domain and two RING domains surrounding an SRA domain. Attempts to isolate ORTH4/VIM4 cDNA through RT-PCR were unsuccessful and analysis of the expression of this gene is difficult since it shares 99% nucleotide identity with ORTH5/VIM2.

UniProt Gene Name
ORTH4

UniProt Synonym Gene Names
VIM4

UniProt Protein Name
Putative E3 ubiquitin-protein ligase ORTHRUS 4

UniProt Synonym Protein Names
Protein VARIANT IN METHYLATION 4; RING-type E3 ubiquitin transferase ORTHRUS 4Curated

UniProt Primary Accession
Q9C8E1

UniProt Related Accession
Q9C8E1

UniProt Comments
E3 ubiquitin-protein ligase. May participate in CpG methylation-dependent transcriptional regulation .

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