

Seed maturation protein PM36 (PM36), Recombinant Protein

Cat *RP18561*

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 Glycine max (Soybean) (Glycine hispida)

Full Product Name

Recombinant Glycine max Seed maturation protein PM36 (PM36)

Product Gene Name

PM36 recombinant protein

Product Synonym Gene Name

PM36

Purity

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

Sequence

MEEKAKAEQK KIGMTETWLK KHRLLYNGAT RHPLIISIRD GTINTASFKT WLAQDYLFVR AFVPFVASVL
IKAWKESDCS GDMEVILGGM ASLEDEISWF KTEANKWGIS LSDVVPQQAN KNYCGLLESL MSPDAEYTV
ITAFWAIETV YQESFAHCIE EGSKTPPELK ETCVRWGNEA FGKYCQSLQN IANRCLQKAS DEELKKA EVM
LLSVLEHEVE FWNMSRGNV

Sequence Positions

1-229, 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

25,988 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.

NCBI Accession

NP_001238329.1

NCBI GI

351724199

NCBI GenBank Nucleotide

NM_001251400.1

NCBI GenelD

547557

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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probable bifunctional TENA-E protein

NCBI Official Symbol

TENA_E

NCBI Official Synonym Symbols

PM36

NCBI Protein Information

probable bifunctional TENA-E protein

UniProt Gene Name

TENA_E

UniProt Protein Name

Probable bifunctional TENA-E protein

UniProt Synonym Protein Names

Aminopyrimidine aminohydrolase

UniProt Primary Accession

Q9SWB6

UniProt Related Accession

Q9SWB6

UniProt Comments

May be involved in thiamine salvage.

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