

P24 oleosin isoform B (P91), Recombinant Protein

Cat *RP18472*

Species

Glycine max (Soybean) (Glycine hispida)

Full Product Name

Recombinant Glycine max P24 oleosin isoform B, partial

Product Gene Name

P91 recombinant protein

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

23,393 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

P24 oleosin

NCBI Accession

NP_001238518.1

NCBI GI

351722277

NCBI GenBank Nucleotide

NM_001251589.2

NCBI GeneID

548081

NCBI Official Full Name

P24 oleosin isoform B

NCBI Official Symbol

P91

NCBI Protein Information

P24 oleosin isoform B

UniProt Protein Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

P24 oleosin isoform B (P91), Recombinant Protein

Cat *RP18472*

P24 oleosin isoform B

UniProt Synonym Protein Names

P91

UniProt Primary Accession

P29531

UniProt Related Accession

P29531

UniProt Comments

May have a structural role to stabilize the lipid body during desiccation of the seed by preventing coalescence of the oil. Probably interacts with both lipid and phospholipid moieties of lipid bodies. May also provide recognition signals for specific lipase anchorage in lipolysis during seedling growth.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY