

# Peroxidase 9, Recombinant Protein

Cat RP15921

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

Daucus carota (Carrot)

## Full Product Name

Recombinant Daucus carota Peroxidase 9

## Purity

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

## Sequence

GQNFTSDKDL YTDSR

## Sequence Positions

1-15, 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

1,747 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

Peroxidase

## NCBI Accession #

P86066.1

## NCBI GI #

218546727

## NCBI Official Full Name

Peroxidase 9

## UniProt Protein Name

Peroxidase 9

## UniProt Primary Accession #

P86066

## UniProt Comments

Removal of H<sub>2</sub>O<sub>2</sub>, oxidation of toxic reductants, biosynthesis and degradation of lignin, suberization, auxin catabolism, response to environmental stresses such as wounding, pathogen attack and oxidative stress. These functions might be dependent on each isozyme/isoform in each plant tissue.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**