

# Respiratory burst oxidase homolog protein D (RBOHD), Recombinant Protein

Cat *RP15807*

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## Species

Solanum tuberosum (Potato)

## Full Product Name

Recombinant Solanum tuberosum Respiratory burst oxidase homolog protein D (RBOHD), partial

## Product Gene Name

RBOHD recombinant protein

## Product Synonym Gene Name

RBOHD

## 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

97,539 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

Respiratory burst oxidase homolog protein

## NCBI Accession #

NP\_001305507.1

## NCBI GI #

972777929

## NCBI GenBank Nucleotide #

NM\_001318578.1

## NCBI GeneID

102586476

## NCBI Official Full Name

respiratory burst oxidase homolog protein D

## NCBI Official Symbol

LOC102586476

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI Official Synonym Symbols

RBOHD; StrbohD

## NCBI Protein Information

respiratory burst oxidase homolog protein D

## UniProt Gene Name

RBOHD

## UniProt Protein Name

Respiratory burst oxidase homolog protein D

## UniProt Synonym Protein Names

NADPH oxidase RBOHD; StRBOHD

## UniProt Primary Accession #

Q2H XK9

## UniProt Related Accession #

Q2H XK9

## UniProt Comments

Calcium-dependent NADPH oxidase that generates superoxide. May be responsible for the oxidative burst in response to pathogen attack in the leaves.

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