

Beta-basrubin, Recombinant Protein

Cat *RP19700*

Size *0.05 mg (E-Coli)/ 0.05 mg (Yeast)/ 0.2 mg (E-Coli)/ 0.05 mg (Baculovirus)/ 0.5 mg (E-Coli)/ 0.2 mg (Yeast)/ 0.1 mg*

Species *(Baculovirus)/ 0.05 mg (Mammalian-Cell)/ 0.5 mg (Yeast)/ 1 mg (E-Coli)/ 0.5 mg (Baculovirus)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Basella alba (Malabar spinach) (Basella rubra) (Yeast)/ 1 mg (B*

Full Product Name

Recombinant Basella alba Beta-basrubin

Product Synonym Names

Recombinant Beta-basrubin; Beta-basrubin

Purity

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

Sequence

KIMAKPSKFY EQLRGR

Sequence Positions

1-16aa; Cytoplasmic domain

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

1,952 Da

Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

Protein Family

Beta-basrubin

NCBI Accession

P83187.1

NCBI GI

26391709

NCBI Official Full Name

Beta-basrubin

UniProt Protein Name

Beta-basrubin

UniProt Entry Name

BRB_BASAL

UniProt Primary Accession

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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P83187 *(Baculovirus)/ 0.05 mg (Mammalian-Cell)/ 0.5 mg (Yeast)/ 1 mg (E-Coli)/ 0.5 mg (Baculovirus)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (B*

UniProt Comments

Function: Possesses antifungal activity against *B.cinerea*, *M.arachidicola* and *F.oxysporum* but not *C.comatus* and *R.solani*. Inhibits HIV-1 reverse transcriptase and cell-free translation.

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