

## Chitin deacetylase (MP 84) Recombinant Protein | MP 84 recombinant protein

Recombinant *Cryptococcus neoformans* var. *neoformans* serotype D Chitin deacetylase (MP 84)

CATALOG #  
**AAA115075**

HOST  
**E Coli or Yeast or Baculovirus or Mammalian Cell**

### PRODUCT SYNONYMS

Chitin deacetylase (MP 84); Recombinant *Cryptococcus neoformans* var. *neoformans* serotype D Chitin deacetylase (MP 84); MP 84 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                  |
| Sequence Positions      | 40-410, Full length protein                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                | GAPDPKASDY LSYYSPGST PNVSTIPQAW LDKLATVQLP NVSVATANDG RPTYPNNEND GDSEICSFTD<br>QCYVEDDLYS PPGEKVVALS FDDGPTDVSP ALYDYLAQNN ISSATHFMI GGNITSPQS VLIAIEAGGH<br>LAVHTWHPY MTTLTNEQVV AELGWTMQAL SDLNGGRIPL YWRPPYGDVD NRVRAIAKGV FGLVTVLWDS<br>DTNDWAISDQ PDQYSVASVE AYFDTLVTGN RTQGLLLLEH ELDNNTVEVF ETEYPKAVAN GWSVKNVADA<br>FSMKWYLN SG KGNDDVVTM SVAGTLTTAK PTHSTSVAS ATATSSASVT DSAGVSIASA ASSQESSWP<br>IANRPSLFVI ACGLALAAIM V |
| Sequence Length         | 371                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Species                 | <i>Cryptococcus neoformans</i> var. <i>neoformans</i> serotype D (strain B-3501A) ( <i>Filobasidiella neoformans</i> )                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                               |

### NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | 134110806                      |
| NCBI GeneID               | 4935664                        |
| NCBI Accession #          | XP_775867.1                    |
| NCBI GenBank Nucleotide # | XM_770774.1                    |
| UniProt Accession #       | P0CP77; Q53I51; Q55U29; Q5KIB3 |
| Molecular Weight          | 43,993 Da                      |
| NCBI Official Full Name   | hypothetical protein CNBD2750  |
| NCBI Official Symbol      | CNBD2750                       |
| NCBI Protein Information  | hypothetical protein           |
| UniProt Protein Name      | Chitin deacetylase             |
| UniProt Gene Name         | <b>MP 84</b>                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

