Hydrophobin (rodA) Recombinant Protein | rodA recombinant protein

Recombinant Neosartorya fumigata Hydrophobin (rodA)

CATALOG #	HOST
AAA114583	**E Coli or Yeast or Baculovirus or Mammalian Cell**

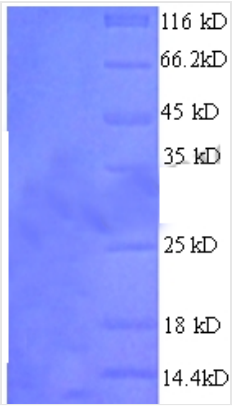
PRODUCT SYNONYMS

Hydrophobin (rodA); Recombinant Neosartorya fumigata Hydrophobin (rodA); Rodlet protein; rodA 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	19-159aa; Full Length of Mature Protein
Sequence	LPQHDVNAAG NGVGNKGNAN VRFPVPDDIT VKQATEKCGD QAQLSCCNKA TYAGDVTDID EGILAGTLKN LIGGGSGTEG LGLFNQCSKL DLQIPVIGIP IQALVNQKCK QNIACCQNSP SDASGSLIGL GLPCIALGSI L
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for rodA recombinant protein	Cell wall protein regularly arranged in interwoven fascicules of clustered proteinaceous microfibrils, or rodlets, to form the outer spore coat protein. It is involved in resistance to environmental stress and may well be associated with conidial hydrophobicity. It is important in the morphogenesis of the dispersible conidia.

References	Rodletless mutants of Aspergillus fumigatus.Thau N., Monod M., Crestani B., Rolland C., Tronchin G., Latge J.-P., Paris S.Infect. Immun. 62:4380-4388(1994) ErratumThau N., Monod M., Crestani B., Rolland C., Tronchin G., Latge J.-P., Paris S.Infect. Immun. 62:5706-5706(1994) HYP1, a hydrophobin gene from Aspergillus fumigatus, complements the rodletless phenotype in Aspergillus nidulans.Parta M., Chang Y., Rulong S., Pinto-Dasilva P., Kwon-Chung K.J.Infect. Immun. 62:4389-4395(1994) Genomic sequence of the pathogenic and allergenic filamentous fungus Aspergillus fumigatus.Nierman W.C., Pain A., Anderson M.J., Wortman J.R., Kim H.S., Arroyo J., Berriman M., Abe K., Archer D.B., Bermejo C., Bennett J.W., Bowyer P., Chen D., Collins M., Coulsen R., Davies R., Dyer P.S., Farman M.L., Fedorova N., Fedorova N.D., Feldblyum T.V., Fischer R., Fosker N., Fraser A., Garcia J.L., Garcia M.J., Goble A., Goldman G.H., Gomi K., Griffith-Jones S., Gwilliam R., Haas B.J., Haas H., Harris D.E., Horiuchi H., Huang J., Humphray S., Jimenez J., Keller N., Khouri H., Kitamoto K., Kobayashi T., Konzack S., Kulkarni R., Kumagai T., Lafton A., Latge J.-P., Li W., Lord A., Lu C., Majoros W.H., May G.S., Miller B.L., Mohamoud Y., Molina M., Monod M., Mouyna I., Mulligan S., Murphy L.D., O'Neil S., Paulsen I., Penalva M.A., Pertea M., Price C., Pritchard B.L., Quail M.A., Rabbinowitsch E., Rawlins N., Rajandream M.A., Reichard U., Renauld H., Robson G.D., Rodriguez de Cordoba S., Rodriguez-Pena J.M., Ronning C.M., Rutter S., Salzberg S.L., Sanchez M., Sanchez-Ferrero J.C., Saunders D., Seeger K., Squares R., Squares S., Takeuchi M., Tekaia F., Turner G., Vazquez de Aldana C.R., Weidman J., White O., Woodward J.R., Yu J.-H., Fraser C.M., Galagan J.E., Asai K., Machida M., Hall N., Barrell B.G., Denning D.W.Nature 438:1151-1156(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	70997898
NCBI GeneID	3511423
NCBI Accession #	XP_753681.1
NCBI GenBank Nucleotide #	XM_748588.1
UniProt Accession #	P41746; Q4WUT3
Molecular Weight	16.3 kDa
NCBI Official Full Name	conidial hydrophobin Hyp1/RodA
NCBI Official Symbol	AFUA_5G09580
NCBI Protein Information	conidial hydrophobin Hyp1/RodA
UniProt Protein Name	Hydrophobin
UniProt Gene Name	**rodA**
UniProt Synonym Gene Names	hyp1
UniProt Entry Name	RODL_ASPFU

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.

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Online datasheet: https://stage.aaabiotech.com/roda-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114583