

46 kDa surface antigen Recombinant Protein | p46 recombinant protein

Recombinant Mycoplasma hyopneumoniae 46 kDa surface antigen

CATALOG #
AAA114785

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

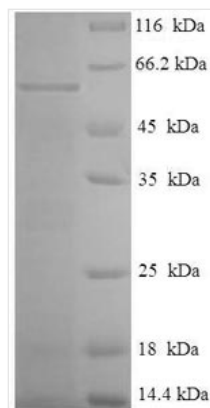
PRODUCT SYNONYMS

46 kDa surface antigen; Recombinant Mycoplasma hyopneumoniae 46 kDa surface antigen; p46; p46 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	28-416. Full length of the mature protein.
Sequence	CGQTESGSTS DSKPQAETLK HKVSNDISIRI ALDTPDNPRW ISAQKDIISY VDETEAATST ITKNQDAQNN WLTQQANLSP APKGFIAPPE NGSGVGTAVN TIADKGIPIV AYDRLITGSD KYDWYVSFDN EKVGEQGLS LAAGLLGKED GAFDSIDQMN EYLKSHMPQE TISFYTIAGS QDDNNSQYFY NGAMKVLKEL MKNSQNKIID LSPGENAVY VPGWNYGTAG QRIQSFLTIN KDPAGGNKIK AVGSKPASIF KGFLAPNDGM AEQAITKLKL EGFDTQKIFV TGQDYNDKAK TFIKDGQNM TIYKPDKVLG KVAVEVLRVL IAKKNKASRS EVENELKAKL PNISFKYDNQ TYKVQGKNIN TILVSPVIVT KANVDNPDA
Sequence Length	416
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

References	Molecular cloning of a 46-kilodalton surface antigen (P46) gene from Mycoplasma hyopneumoniae direct evidence of CGG codon usage for arginine.Futo S., Seto Y., Mitsuse S., Mori Y., Suzuki T., Kawai K.J. Bacteriol. 177:1915-1917(1995) Swine and poultry pathogens the complete genome sequences of two strains of Mycoplasma hyopneumoniae and a strain of Mycoplasma synoviae.Vasconcelos A.T.R., Ferreira H.B., Bizarro C.V., Bonatto S.L., Carvalho M.O., Pinto P.M., Almeida D.F., Almeida L.G.P., Almeida R., Alves-Junior L., Assuncao E.N., Azevedo V.A.C., Bogo M.R., Brigido M.M., Brocchi M., Burity H.A., Camargo A.A., Camargo S.S., Carepo M.S., Carraro D.M., de Mattos Cascardo J.C., Castro L.A., Cavalcanti G., Chemale G., Collevatti R.G., Cunha C.W., Dallagiovanna B., Dambros B.P., Dellagostin O.A., Falcao C., Fantinatti-Garboggini F., Felipe M.S.S., Fiorentin L., Franco G.R., Freitas N.S.A., Frias D., Grangeiro T.B., Grisard E.C., Guimaraes C.T., Hungria M., Jardim S.N., Krieger M.A., Laurino J.P., Lima L.F.A., Lopes M.I., Loreto E.L.S., Madeira H.M.F., Manfio G.P., Maranhao A.Q., Martinkovics C.T., Medeiros S.R.B., Moreira M.A.M., Neiva M., Ramalho-Neto C.E., Nicolas M.F., Oliveira S.C., Paixao R.F.C., Pedrosa F.O., Pena S.D.J., Pereira M., Pereira-Ferrari L., Piffer I., Pinto L.S., Potrich D.P., Salim A.C.M., Santos F.R., Schmitt R., Schneider M.P.C., Schrank A., Schrank I.S., Schuck A.F., Seuanez H.N., Silva D.W., Silva R., Silva S.C., Soares C.M.A., Souza K.R.L., Souza R.C., Staats C.C., Steffens M.B.R., Teixeira S.M.R., Urmenyi T.P., Vainstein M.H., Zuccherato L.W., Simpson A.J.G., Zaha A.J. Bacteriol. 187:5568-5577(2005)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76364216
UniProt Accession #	P0C0J8; P46192; Q4A9H4; Q600E4
Molecular Weight	44.5 kDa
NCBI Official Full Name	46 kDa surface antigen
UniProt Protein Name	46 kDa surface antigen
UniProt Gene Name	p46
UniProt Entry Name	P46_MYCHJ

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.