

A-agglutinin-binding subunit Recombinant Protein | AGA2 recombinant protein

Recombinant *Saccharomyces cerevisiae* A-agglutinin-binding subunit

CATALOG #
AAA114828

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

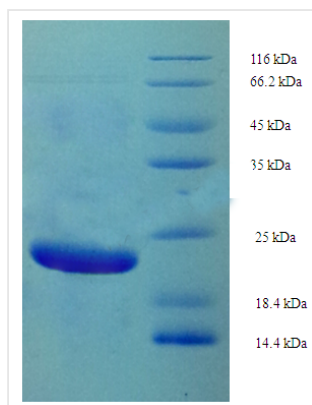
PRODUCT SYNONYMS

A-agglutinin-binding subunit; Recombinant *Saccharomyces cerevisiae* A-agglutinin-binding subunit; AGA2 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	19-87aa; Full Length
Sequence	QELTTICEQI PSPTLESTPY SLSTTTILAN GKAMQGVFEY YKSVTFVSNC GSHPSTTSKG SPINTQYVF
Sequence Length	87
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 AGA2 recombinant protein

Receptor binding subunit of the a-agglutinin heterodimer. *S. cerevisiae* a and alpha cells express the complementary cell surface glycoproteins a-agglutinin and alpha-agglutinin, respectively, which interact with one another to promote cellular aggregation during mating.

References	Saccharomyces cerevisiae a- and alpha-agglutinin characterization of their molecular interaction.Cappellaro C., Hauser K., Mrsa V., Watzele M., Watzele G., Gruber C., Tanner W.EMBO J. 10:4081-4088(1991) The nucleotide sequence of Saccharomyces cerevisiae chromosome VII.Tettelin H., Agostoni-Carbone M.L., Albermann K., Albers M., Arroyo J., Backes U., Barreiros T., Bertani I., Bjourson A.J., Brueckner M., Bruschi C.V., Carignani G., Castagnoli L., Cerdan E., Clemente M.L., Coblenz A., Coglievina M., Coissac E., Defoor E., Del Bino S., Delius H., Delneri D., de Wergifosse P., Dujon B., Durand P., Entian K.-D., Eraso P., Escribano V., Fabiani L., Fartmann B., Feroli F., Feuermann M., Frontali L., Garcia-Gonzalez M., Garcia-Saez M.I., Goffeau A., Guerreiro P., Hani J., Hansen M., Hebling U., Hernandez K., Heumann K., Hilger F., Hofmann B., Indge K.J., James C.M., Klima R., Koetter P., Kramer B., Kramer W., Lauquin G., Leuther H., Louis E.J., Maillier E., Marconi A., Martegani E., Mazon M.J., Mazzoni C., McReynolds A.D.K., Melchiorretto P., Mewes H.-W., Minenkova O., Mueller-Auer S., Nawrocki A., Netter P., Neu R., Nombela C., Oliver S.G., Panzeri L., Paoluzi S., Plevani P., Portetelle D., Portillo F., Potier S., Purnelle B., Rieger M., Riles L., Rinaldi T., Robben J., Rodrigues-Pousada C., Rodriguez-Belmonte E., Rodriguez-Torres A.M., Rose M., Ruzzi M., Saliola M., Sanchez-Perez M., Schaefer B., Schaefer M., Scharfe M., Schmidheini T., Schreer A., Skala J., Souciet J.-L., Steensma H.Y., Talla E., Thierry A., Vandenbol M., van der Aart Q.J.M., Van Dyck L., Vanoni M., Verhasselt P., Voet M., Volckaert G., Wambutt R., Watson M.D., Weber N., Wedler E., Wedler H., Wipfli P., Wolf K., Wright L.F., Zaccaria P., Zimmermann M., Zollner A., Kleine K.Nature 387:81-84(1997)) Mating type-specific cell-cell recognition of Saccharomyces cerevisiae cell wall attachment and active sites of a- and alpha-agglutinin.Cappellaro C., Baldermann C., Rachel R., Tanner W.EMBO J. 13:4737-4744(1994) Interaction of alpha-agglutinin and a-agglutinin, Saccharomyces cerevisiae sexual cell adhesion molecules.Zhao H., Shen Z.M., Kahn P.C., Lipke P.N.J. Bacteriol. 183:2874-2880(2001) Global analysis of protein expression in yeast.Ghaemmaghami S., Huh W.-K., Bower K., Howson R.W., Belle A., Dephoure N., O'Shea E.K., Weissman J.S.Nature 425:737-741(2003)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	398364827
NCBI GeneID	852851
NCBI Accession #	NP_011483.3
NCBI GenBank Nucleotide #	NM_001180897.3
UniProt Accession #	P32781; D6VUA6
Molecular Weight	23.5 kDa
NCBI Official Full Name	Aga2p
NCBI Official Symbol	AGA2
NCBI Protein Information	Aga2p
UniProt Protein Name	A-agglutinin-binding subunit
UniProt Gene Name	AGA2
UniProt Entry Name	AGA2_YEAST

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.