

Probable flavodoxin-2 Recombinant Protein | ykuP recombinant protein

Recombinant Bacillus subtilis Probable flavodoxin-2

CATALOG # AAA115304	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

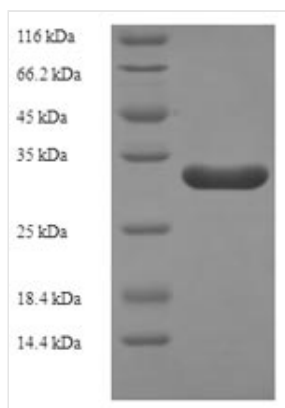
PRODUCT SYNONYMS

Probable flavodoxin-2; Recombinant Bacillus subtilis Probable flavodoxin-2; ykuP 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	1-151aa; Full Length
Sequence	MAKILLVYAT MSGNTEAMAD LIEKGLQEAL AEVDRFEAMD IDDAQLFTDY DHVIMGTYTW GDGDLPDEFL DLVEDMEEID FSGKTCAVFG SGTAYEFFC GAVDTLEAKI KERGGDIVLP SVKIENNPEG EEEEELINFG RQFAKKSGCA V
Sequence Length	151
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 ykuP recombinant protein	Low-potential electron donor to a number of redox enzymes. Curated
--	--

References

Scanlan E., Devine K.M. The complete genome sequence of the Gram-positive bacterium *Bacillus subtilis*. Kunst F., Ogasawara N., Moszer I., Albertini A.M., Alloni G., Azevedo V., Bertero M.G., Bessieres P., Bolotin A., Borchert S., Borriess R., Boursier L., Brans A., Braun M., Brignell S.C., Bron S., Brouillet S., Bruschi C.V., Caldwell B., Capuano V., Carter N.M., Choi S.-K., Codani J.-J., Connerton I.F., Cummings N.J., Daniel R.A., Denizot F., Devine K.M., Duesterhoeft A., Ehrlich S.D., Emmerson P.T., Entian K.-D., Errington J., Fabret C., Ferrari E., Foulger D., Fritz C., Fujita M., Fujita Y., Fuma S., Galizzi A., Galleron N., Ghim S.-Y., Glaser P., Goffeau A., Golightly E.J., Grandi G., Guiseppi G., Guy B.J., Haga K., Haiech J., Harwood C.R., Henaut A., Hilbert H., Holsappel S., Hosono S., Hullo M.-F., Itaya M., Jones L.-M., Joris B., Karamata D., Kasahara Y., Klaerr-Blanchard M., Klein C., Kobayashi Y., Koetter P., Koningstein G., Krogh S., Kumano M., Kurita K., Lapidus A., Lardinois S., Lauber J., Lazarevic V., Lee S.-M., Levine A., Liu H., Masuda S., Mauel C., Medigue C., Medina N., Mellado R.P., Mizuno M., Moestl D., Nakai S., Noback M., Noone D., O'Reilly M., Ogawa K., Ogiwara A., Oudega B., Park S.-H., Parro V., Pohl T.M., Portetelle D., Porwollik S., Prescott A.M., Presecan E., Pujic P., Purnelle B., Rapoport G., Rey M., Reynolds S., Rieger M., Rivolta C., Rocha E., Roche B., Rose M., Sadaie Y., Sato T., Scanlan E., Schleich S., Schroeter R., Scoffone F., Sekiguchi J., Sekowska A., Seror S.J., Serror P., Shin B.-S., Soldo B., Sorokin A., Tacconi E., Takagi T., Takahashi H., Takemaru K., Takeuchi M., Tamakoshi A., Tanaka T., Terpstra P., Tognoni A., Tosato V., Uchiyama S., Vandenbol M., Vannier F., Vassarotti A., Viari A., Wambutt R., Wedler E., Wedler H., Weizenegger T., Winters P., Wipat A., Yamamoto H., Yamane K., Yasumoto K., Yata K., Yoshida K., Yoshikawa H.-F., Zumstein E., Yoshikawa H., Danchin A. *Nature* 390:249-256(1997) From a consortium sequence to a unified sequence the *Bacillus subtilis* 168 reference genome a decade later. Barbe V., Cruveiller S., Kunst F., Lenoble P., Meurice G., Sekowska A., Vallenet D., Wang T., Moszer I., Medigue C., Danchin A. *Microbiology* 155:1758-1775(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	255767331
NCBI GeneID	938811
NCBI Accession #	NP_389300.2
NCBI GenBank Nucleotide #	NC_000964.3
UniProt Accession #	O34589
Molecular Weight	32.6 kDa
NCBI Official Full Name	flavodoxin-2
NCBI Official Symbol	ykuP
NCBI Protein Information	flavodoxin-2
UniProt Protein Name	Probable flavodoxin-2
UniProt Gene Name	ykuP
UniProt Entry Name	FLAW_BACSU

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ykup-recombinant-protein-e-coli/115304>