



Recombinant Parabacteroides distasonis Biotin synthase(bioB)

Catalog Number: CSB-YP406972PYB

Product Name:	Recombinant Parabacteroides distasonis Biotin synthase(bioB)
Catalog Number:	CSB-YP406972PYB
Relevance :	Catalyzes the conversion of dethiobiotin (DTB) to biotin by the insertion of a sulfur atom into dethiobiotin via a radical-based mechanism.
Mol. Weight:	38.3kDa
Product Info :	N-terminal His-tagged
Source:	Yeast derived
Purity:	>90%(SDS-PAGE)
Storage Buffer:	Tris-based buffer, 50% glycerol
Storage :	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week.
AA sequence:	MTIEEAKQHILEGGKITEEQALSLANHPDKEALYEAHQITRHFMGNKFDTCIINAK SGNCSEDCKWCAQSGHYKTLVNLYPPLPAKECVYHAVYNRKQGIRRFALVTSGKR VSDKELEQITDITRQIKRQSDIKCCASMGLLTRSQLQSLYDSGVENYHCNIETAPSY FRQLCSTHTIEQKMETIHTAREIGFRICCGGIIGMGETMKERIEMACFLQKEGVLSIP LNLLQPIPGTPMENTQILEEEEWLTTIALFRLINPNAFLRFSGGRAQLSEVTQRKSLH IGINSAIIGDLLTTIGSKVEEDKVLFTSEGYSLTENTDWEK
References:	"Evolution of symbiotic bacteria in the distal human intestine." Xu J., Mahowald M.A., Ley R.E., Lozupone C.A., Hamady M., Martens E.C., Henrissat B., Coutinho P.M., Minx P., Latreille P., Cordum H., Van Brunt A., Kim K., Fulton R.S., Fulton L.A., Clifton S.W., Wilson R.K., Knight R.D., Gordon J.I. PLoS Biol. 5:1574-1586(2007)