



PoxB, Recombinant, E. coli, aa1-572, His-Tag (Pyruvate Dehydrogenase [Ubiquinone])

Catalog number

374807

Supplier

United States Biological

Source:

Recombinant protein corresponding to aa1-572 from E. coli poxB, fused to His-Tag at N-terminal, expressed in E. coli.

Molecular Weight

~66.1kD

AA Sequence

MKQTVAAYIAKTLESAGVKRIWGVGTGDSLNLSDSLNRMGTIEWMSTRHEEVAFAAGAEQLSGELAVCAGSCG
PGNLHLINGLFDCHRNHVPVLAIAAHIPSSIEGSGYFQETHPQELFRECSHYCELVSSPEIQVLAIAMRKAVLNKRV
SVVVLPGDVALKPAPEGATMHWHYHAPQPVVTPPEEELRKLALQLRYSSNIALMCGSGCAGAHKELVEFAGKIKAPV
HALRGKEHVEYDNPYDVGMTGLIGFSSGFHTMMNADTLVLLGTQFPYRAFYPYTDKIIQIDINPASIGAHSKVDMALV
GDIKSTLRALLPLVEEKADRKFLDKALEDYRDARKGLDDLAKPSEKAIHPQYLAQQISHFAADDAIFTCDVGTPTVWA
ARYLKMNGKRRLGFSFNHGSANAMPQALGAQATEPERQVVAMCGDGGFSMLMGDFLSVVQMCLPKIVVFNN
SVLGFVAMEMKAGGYLTDGTELHDTNFARIAEACGITGIRVEKASEVDEALQRAFSIDGPVLVDVVVAKKEELAIPPQI
KLEQAKGFSLYMLRAIISGRGDEVIELAKTNWLR

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris-HCl, pH 8.0, 1mM EDTA, 50% glycerol.

Purity

≥90% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

66.1

Antigen Modification

Recombinant, E. coli



Reference

1. The complete genome sequence of Escherichia coli K-12. Blattner F.R., Plunkett G. III, Bloch C.A., Perna N.T., Burland V., Riley M., Collado-Vides J., Glasner J.D., Rode C.K., Mayhew G.F., Gregor J., Davis N.W., Kirkpatrick H.A., Goeden M.A., Rose D.J., Mau B., Shao Y. Science 277:1453-1462(1997).