

Recombinant Escherichia coli POXB Protein (1-572 aa), His-tagged

Cat. No. POXB-1305E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) POXB Protein (1-572 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-572 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	66.0 kDa
AA Sequence	MKQTVAAYIAKTLESAGVKRIWGVGTGDSLNLSDSLNRMGTIEWMSTRHEEVAFA AGAEAQLSGELAVCAGSCGPGNLHLINGLFDCHRNHVPVLAIAAHIPSSEIGSGYFQ ETHPQELFRECSHYCELVSSPEQIPQVLAIAMRKAVLNRGVSVVLPDVALKPAPE GATMHWYHAPQPVVTPEEEELRKLAQLLRYSSNIALMCGSGCAGAHKELVEFAGKI KAPIVHALRGKEHVEYDNPYDVGMTGLIGFSSGFHTMMNADTLVLLGTQFPYAFY PTDAKIIQIDINPASIGAHSKVDMALVGDIKSTLRALLPLVEEKADRKFLEDAEDYRDA RKGLDDLAKPSEKAIHPQYLAQQISHFAADDAIFTCDVGTPTVWAARYLKMNGKRRL LGSFNHGS MANAMPQALGAQATEPERQVVAMCGDGGFSMLMGDFLSVVQMKLPV KIVVFNN SVLGFVAMEMKAGGYLTDGTELHDTNFARIAEACGITGIRVEKASEVDEAL QRAFSIDGPVLVDVVVAKEELAIPPQIKLEQAKGFSLYMLRAISGRGDEVIELAKTNW

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	LR
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

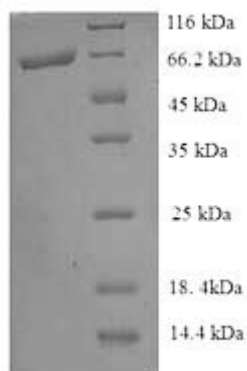
GENE INFORMATION

Gene Name	poxB pyruvate oxidase [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	POXB
Synonyms	ECK0862;
Gene ID	946132
Protein Refseq	NP_415392
UniProt ID	P07003

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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