

Thiamine-binding periplasmic protein (thiB) Recombinant Protein | thiB recombinant protein

Recombinant Escherichia coli Thiamine-binding periplasmic protein (thiB)

CATALOG #
AAA114567

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Thiamine-binding periplasmic protein (thiB); Recombinant Escherichia coli Thiamine-binding periplasmic protein (thiB); thiB 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	19-327aa; Full Length of Mature Protein
Sequence	KPVLTVYTYD SFAADWGP GP VVKAFEADC NCELKLVLE DGVSLNRLR MEGKNSKADV VLGLDNNLLD AASKTGLFAK SGVAADAVNV PGGWNNDTFV PFDYGYFAFV YDKNKLKNPP QSLKELVESD QNWRVIYQDP RTSTPGLGLL LWMQKVY GDD APQAWQKLAK KTVTVTKGWS EAYGLFLKGE SDLVLSYTT S PAYHILEEKK DNYAAANFSE GHYLQVEVAA RTAASKQPEL AQKFLQFMVS PAFQNAIPTG NWMYPVANVT LPAGFEKLT K PATTLEFTPA EVAAQRQAWI SEWQRAVSR
Species	Escherichia coli (strain K12)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128062
NCBI GeneID	946306
NCBI Accession #	NP_414610.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P31550 ; P75637
Molecular Weight	36,163 Da
NCBI Official Full Name	thiamine/thiamine pyrophosphate/thiamine monophosphate ABC transporter periplasmic binding protein
NCBI Official Symbol	thiB
NCBI Official Synonym Symbols	ECK0069; JW0067; sfuA; tbpA; yabL
NCBI Protein Information	thiamine/thiamine pyrophosphate/thiamine monophosphate ABC transporter periplasmic binding protein
UniProt Protein Name	Thiamine-binding periplasmic protein
UniProt Gene Name	thiB
UniProt Synonym Gene Names	tbpA; yabL

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.

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Online datasheet: <https://www.aaabiotech.com/thib-recombinant-protein-e-coli/114567>