

Phosphinothricin N-acetyltransferase Recombinant Protein | bar recombinant protein

Recombinant Phosphinothricin N-acetyltransferase

CATALOG # AAA18573	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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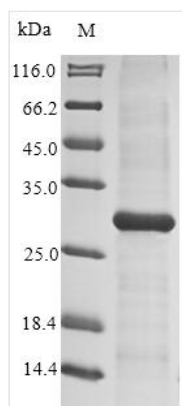
PRODUCT SYNONYMS

Phosphinothricin N-acetyltransferase; Recombinant Phosphinothricin N-acetyltransferase; Phosphinothricin-resistance protein; bar 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	1-183aa; Full Length
Sequence	MSPERRPADI RRATEADMPA VCTIVNHYIE TSTVNFRTPEP QEPQEWTDLL VRLRERYPWL VAEVDGEVAG IAYAGPWKAR NAYDWTAESE VYVSPRHQRT GLGSTLYTHL LKSLEAQGFK SVVAVIGLPN DPSVRMHEAL GYAPRGMLRA AGFKHGNWHD VGFWQLDFSL PVPPRPVLPV TEI
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 bar recombinant protein	This enzyme is an effector of phosphinothricin tripeptide (PTT or bialaphos) resistance. Inactivates PTT by transfer of an acetyl group.
References	A cassette containing the bar gene of Streptomyces hygroscopicus a selectable marker for plant transformation.White J., Chang S.-Y.P., Bibb M.J., Bibb M.J.Nucleic Acids Res. 18:1062-1062(1990) Characterization of the herbicide-resistance gene bar from Streptomyces hygroscopicus.Thompson C.J., Movva N.R., Tizard R., Crameri R., Davies J.E., Lauwereys M., Botterman J.EMBO J. 6:2519-2523(1987)

NCBI AND UNIPROT INFORMATION

NCBI GI #	114833
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UniProt Accession #	P16426 ; P72461
Molecular Weight	22.6 kDa
NCBI Official Full Name	Phosphinothricin N-acetyltransferase
UniProt Protein Name	Phosphinothricin N-acetyltransferase
UniProt Gene Name	bar
UniProt Synonym Gene Names	PPT N-acetyltransferase
UniProt Entry Name	PAT_STRHY

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/bar-recombinant-protein-e-coli/18573>