



Recombinant Streptomyces viridochromogenes Phosphinothricin N-acetyltransferase (pat)

Product Code	CSB-YP701139FOQ
Relevance	Inactivates phosphinothricin (PPT) by transfer of an acetyl group from acetyl CoA. This enzyme is an effector of phosphinothricin tripeptide (PTT or bialaphos) resistance.
Abbreviation	Recombinant Streptomyces viridochromogenes pat protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q57146
Product Type	Recombinant Proteins
Immunogen Species	Streptomyces viridochromogenes (strain DSM 40736 / JCM 4977 / BCRC 1201 / Tue 494)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSPERRPVEIRPATAADMAAVCDIVNHYIETSTVNFRTPEQTPQEWIDDLERLQ DRYPWLVAEVEGVVAGIAYAGPWKARNAYDWTVESTVYVSHRHQRLGLGST LYTHLLKSMEAQGFKSVVAVIGLPNDPSVRLHEALGYTARGTLRAAGYKHGG WHDVGFWRQDFELPAPPRPVRPVTQI
Source	Yeast
Target Names	pat
Expression Region	1-183aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	22.6kDa
Protein Length	Full Length
Image	

