







Recombinant Streptomyces viridochromogenes Phosphinothricin N-acetyltransferase (pat)

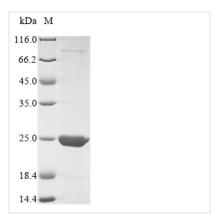
Product Code	CSB-YP701139FOQ
Relevance	Inactivates phosphinothricin (PPT) by transfer of an acetyl group from acetyl CoA. This enzyme is an effector of phosphinothricin tripeptide (PTT or bialaphos) resistance.
Abbreviation	Recombinant Streptomyces viridochromogenes pat protein
Storage	The shelf life 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	Greater than 90% as determined by SDS-PAGE.
Sequence	MSPERRPVEIRPATAADMAAVCDIVNHYIETSTVNFRTEPQTPQEWIDDLERLQ DRYPWLVAEVEGVVAGIAYAGPWKARNAYDWTVESTVYVSHRHQRLGLGST LYTHLLKSMEAQGFKSVVAVIGLPNDPSVRLHEALGYTARGTLRAAGYKHGG WHDVGFWQRDFELPAPPRPVRPVTQI
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
Imago	

Image

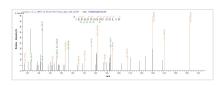




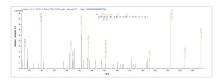




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP701139FOQ could indicate that this peptide derived from Yeast-expressed Streptomyces viridochromogenes (strain DSM 40736 / JCM 4977 / BCRC 1201 / Tue 494) pat.



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Shelf Life

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