Recombinant Streptomyces Viridochromogenes PAT Protein (1-183 aa), His-SUMO-tagged

Cat. No. PAT-1945S **Lot. No.** (See product label)

SPECIFICATION

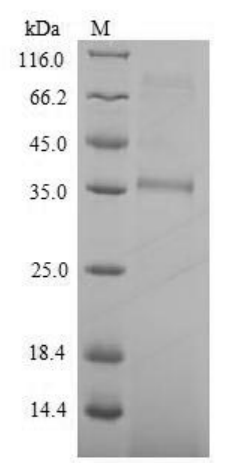
Product Overview	Recombinant Streptomyces Viridochromogenes (strain DSM 40736/JCM 4977/BCRC 1201/Tue 494) PAT Protein (1-183 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Streptomyces Viridochromogenes
Source	E.coli
ProteinLength	1-183 aa
Description	Inactivates phosphinothricin (PPT) by transfer of an acetyl group from acetyl CoA. This enzyme is an effector of phosphinothricin tripeptide (PTT or bialaphos) resistance.
Form	Tris-based buffer,50% glycerol
Molecular Mass	36.6 kDa
AA Sequence	MSPERRPVEIRPATAADMAAVCDIVNHYIETSTVNFRTEPQTPQEWIDDLERLQDRY PWLVAEVEGVVAGIAYAGPWKARNAYDWTVESTVYVSHRHQRLGLGSTLYTHLLKS MEAQGFKSVVAVIGLPNDPSVRLHEALGYTARGTLRAAGYKHGGWHDVGFWQRDF ELPAPPRPVRPVTQI

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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.

GENE INFORMATION

Synonyms	pat; Phosphinothricin-resistance protein;
UniProt ID	Q57146



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

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