

Recombinant Pseudomonas Azotoformans LAAA Protein (1-310 aa), His-SUMO-Myc-tagged

Cat. No. LAAA-2197P **Lot. No.** (See product label)

SPECIFICATION

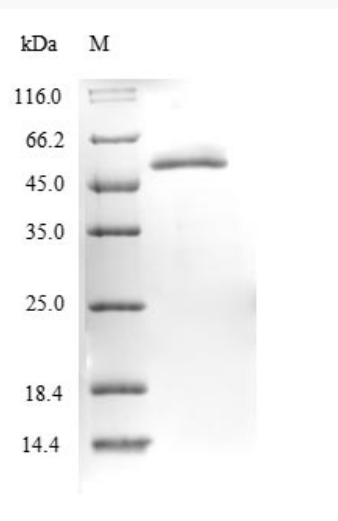
Product Overview	Recombinant Pseudomonas Azotoformans LAAA Protein (1-310 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Pseudomonas Azotoformans
Source	E.coli
ProteinLength	1-310 aa
Description	Hydrolyzes L-prolinamide, L-proline-p-nitroanilide, L-alaninamide, L-methioninamide, piperidine-2-carboxamide and piperazine-2-carboxamide. Has a much lower activity towards piperazine-2-tert-butylcarboxamide. Does not hydrolyze dipeptides and D-prol inamide.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	54.5 kDa
AA Sequence	MEFIEKIREGYAAFGAYQTWYRVTDGLSSGRTPLVVIHGGPGCTHDYVDAFKDVAA SGHAVIHVDQLGNGRSTHLPDKDPSFWTVGLFLEELNNLLDHLQISDNAILGQSWG GMLGSEHAILQPKGLRAFIPANSPTCMRTWVSEANRLRKLLPEGVHETLLKHETAGT YQDPEYLAASRVFYDHHVCRVIPWPVEEVARTFAAVDADPTVYHAMSGPTEFHVIGS LKDWKSTGRLSAINVPTLVISGRHDEATPLVVKPFLDEIADVVRWALFEDSSHMPHVE

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	ERQACMGTVVKFLDEVCSAKYKVLKAS
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 will be sent along with the products. Please refer to it for detailed information.
GENE INFORMATION	
Synonyms	laaA;
UniProt ID	Q76KX0



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

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