

Recombinant Aspergillus Niger PHYA Protein (24-467 aa), His-tagged

Cat. No. PHYA-1589A **Lot. No.** (See product label)

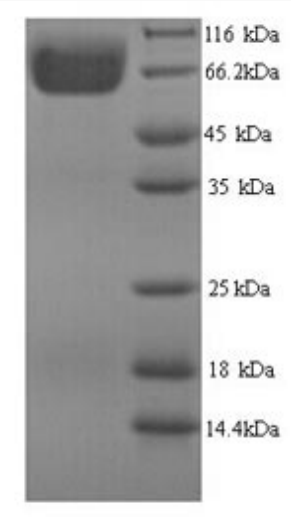
SPECIFICATION

Product Overview	Recombinant Aspergillus Niger PHYA Protein (24-467 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Aspergillus Niger
Source	Yeast
ProteinLength	24-467 aa
Description	Catalyzes the hydrolysis of inorganic orthophosphate from phytate.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	50.8 kDa
AA Sequence	ASRNQSSCDTVDQGYQCFSETSHLWGQYAPFFSLANESVISPEVPAGCRVTFAQVL SRHGARYPTDSKGKKYSALIEEIQQNATTFDGKYAFLKTYNYSLGADDLTPFGEQEL VNSGIKFYQRYESLTRNIVPFIRSSGSSRVIASGKKFIEGFQSTKLKDPRAQPGQSSP KIDVWISEASSNNTLDPGTCTVFEDSELADTVEANFTATFVPSIRQRLNDLSGVTLT DTEVTYLMDMCSFDTISTSTVDTKLSPFCDLFTHDEWINYDYLQSLKKYYGHGAGNP LGPTQGVGYANELIARLTHSPVHDDTSSNHTLDSSPATFPLNSTLYADFSHDNGIISIL FALGLYNGTKPLSTTTVENITQTDGFSSAWTVPFASRLYVEMMQCQAEQEPLVRVL VNDRVVPLHGPCVDALGRCTRDSFVRGLSFARSGGDWAECA

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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	phyA; 3 phytase A Myo-inositol hexakisphosphate phosphohydrolase A Myo-inositol-hexaphosphate 3-phosphohydrolase A;
UniProt ID	P34752
	

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

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