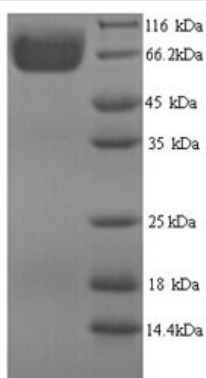




Recombinant Aspergillus niger 3-phytase A(phyA)

Product Code	CSB-YP333934DOZ
Relevance	Catalyzes the hydrolysis of inorganic orthophosphate from phytate.
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.	P34752
Storage Buffer	Tris-based buffer,50% glycerol
Alias	3 phytase A Myo-inositol hexakisphosphate phosphohydrolase A Myo-inositol-hexaphosphate 3-phosphohydrolase A
Product Type	Recombinant Protein
Species	Aspergillus niger
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ASRNQSSCDTVDQGYQCFSETSHLWGQYAPFFSLANESVISPEVPAGCRVTF AQVLSRHGARYPTDSKGKKYSALIEEIQQNATTFDGKYAFLKTYNYSLGADDLT PFGEQELVNSGIKFYQRYESLTRNIVPFIRSSGSSRVIASGKKFIEGFQSTKLKD PRAQPGQSSPKIDVWISEASSNNTLDPGTCTVFEDSELADTVEANFTATFVPS IRQRLNDLSGVTLTDTEVTYLMDMCSFDTISTSTVDTKLSPFCDLFTHDEWIN YDYLQSLKKYYGHGAGNPLGPTQGVDGYANELIARLTHSPVHDDTSSNHTLDS SPATFPLNSTLYADFSHDNGIISILFALGLYNGTKPLSTTTVENITQTDGFSSAW TVPFASRLYVEMMQCQAEQEPLVRVLVNDRVVPLHGCPVDALGRCTRDSFVR GLSFARSGGDWAECA
Lead Time	3-7 business days
Research Area	Others
Source	Yeast
Gene Names	phyA
Protein Names	Recommended name: 3-phytase A EC= 3.1.3.8 Alternative name(s): 3 phytase A Myo-inositol hexakisphosphate phosphohydrolase A Myo-inositol-hexaphosphate 3-phosphohydrolase A
Expression Region	24-467aa
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	50.8kDa
Protein Description	Full Length of Mature Protein
Image	



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