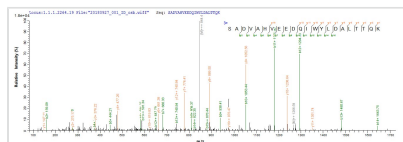


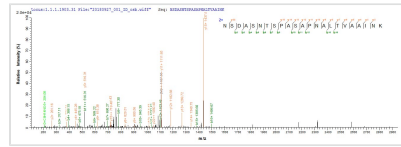


Recombinant Neosartorya fumigata Alkaline protease 1 (alp1)

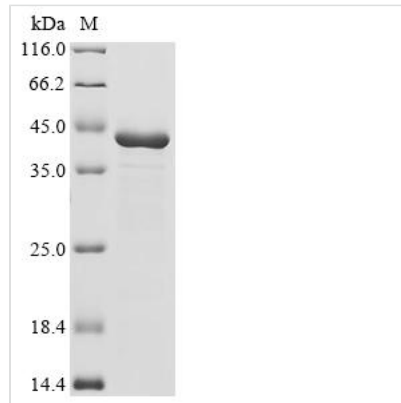
Product Code	CSB-EP329798NGS
Abbreviation	Recombinant Neosartorya fumigata alp1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P28296
Product Type	Recombinant Protein
Immunogen Species	Neosartorya fumigata (strain ATCC MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	EIRKSADVAHVEEDQIWYLDALTTQKGAPWGLGSISHKGQASTDYIYDTSAGA GTYAYVVDSGINVNHVEFESRASLAYNAAGGSHVDSIGHGTHVAGTIGGKTYG VAKKTNLLSVKVFQGESSSTSIILDGFNWAVNDIVSKGRTKKAAINMSLGGGYS YAFNNAVENAFDEGVLSVVAAGNENSNDASNTSPASAPNALTVAAINKSNARAS FSNYGSVVDIFAPGQDILSAWIGSTTATNTISGTSMATPHIVGLSVYLMGLENLS GPAAVTARIKELATNGVVTNVKGSPPNKLAYNGNA
Research Area	Cancer
Source	E.coli
Target Names	alp1
Protein Names	Recommended name: Alkaline protease 1 Short name= ALP EC= 3.4.21.63 Alternative name(s): Aspergillopeptidase B Aspergillus proteinase B Elastase Elastinolytic serine proteinase Oryzin Allergen= Asp f 13
Expression Region	102-403aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	38.5 kDa
Protein Length	Full Length of Mature Protein
Image	



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP329798NGS could indicate that this peptide derived from E.coli-expressed Neosartorya fumigata (strain ATCC MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus) alp1.



Based on the SEQUEST from database of *E. coli* host and target protein, the LC-MS/MS Analysis result of CSB-EP329798NGS could indicate that this peptide derived from *E. coli*-expressed *Neosartorya fumigata* (strain ATCC MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (*Aspergillus fumigatus*) *alp1*.



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.