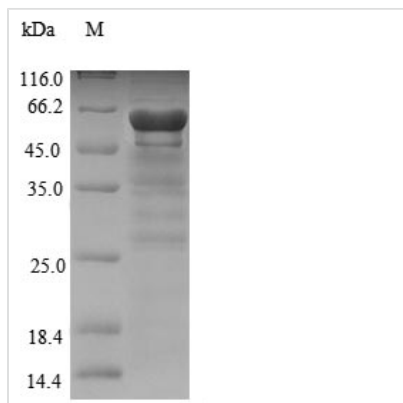




Recombinant *Aspergillus fumigatus* Nonribosomal peptide synthetase 1 (NRPS1), partial

Product Code	CSB-EP706382NGS
Relevance	Nonribosomal peptide synthesis (NRPS) is a key mechanism responsible for the biosynthesis of bioactive metabolites which are potentially contributing to organismal virulence. Contributes to improved fungal tolerance against oxidative stress, during the infection process.
Abbreviation	Recombinant <i>Aspergillus fumigatus</i> NRPS1 protein, partial
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.	Q4WT66
Product Type	Recombinant Proteins
Immunogen Species	<i>Aspergillus fumigatus</i> (strain ATCC MYA-4609 / CBS 101355 / FGSC A1100 / Af293) (<i>Neosartorya fumigata</i>)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LSPIQKLHFMVRKEGQGYFNQSVVTRIDRQINDQDMRRAVEAVVMRHSMLRS RLVDPSTGNSLQLRITEDVAGSYRWRTHYMTAQNEIENAI AESQLCINAFVGPV FAVDFCYVDEEDSHNLLSLVAHHLVVDIVSWRIILEDLEDLFLNPQGFVLQNSSLP FQTCWRLQDEQCESVAFENDVQLEDLPAPDLAYWGMEHRQMTYGDVICETF ELDPGSTQSILLECHQSLRTEPVDLFLAALVHSFGQTFPERTLPVIYNEGHGRE VWDSSLDISRTVGWFTTLYPIFVQEIVSEDPARTVARVKDLRRQVSDNGRQKF ASRMFTGKGQQTCRHHYPLEMTFNYYVGQHRDLQKQDGLFQLMGHMAGEAG QGGGAADFGEETPRFALLEISALVVQGGQLRFTFSFNRFMRHQSGIHAWISRCH QLLASLGQKLQSLAPQPTLSDFPMLSL
Research Area	Microbiology
Source	E.coli
Target Names	NRPS1
Protein Names	Recommended name: Nonribosomal peptide synthetase 1 EC= 6.3.2.-
Expression Region	894-1342aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	67.2kDa
Protein Length	Partial
Image	



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

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.