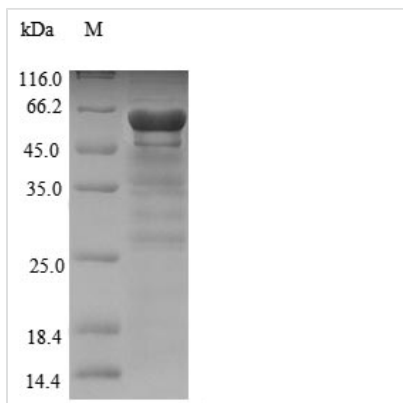




# Recombinant *Aspergillus fumigatus* Nonribosomal peptide synthetase 1 (NRPS1), partial

<b>Product Code</b>	CSB-EP706382NGS
<b>Relevance</b>	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.
<b>Abbreviation</b>	Recombinant <i>Aspergillus fumigatus</i> NRPS1 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q4WT66
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	<i>Aspergillus fumigatus</i> (strain ATCC MYA-4609 / CBS 101355 / FGSC A1100 / Af293) ( <i>Neosartorya fumigata</i> )
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	LSPIQKLHFMVRKEGQGYFNQSVVTRIDRQINDQDMRRAVEAVVMRHSMLRS RLVDPSTGNSLQLRITEDVAGSYRWRTHYMTAQNEIENAI AESQLCINAFVGPV FAVDFCYVDEDSHNLLSLVAHHLVVDIVSWRIILEDLEDLFLNPPQGFVLQNSSLP FQTWCR LQDEQCESVAFENDVQLEDLPAPDLAYWGMEHRQMTYGDVICETF ELDPGSTQSILLECHQSLRTEPVDLFLAALVHSFGQTFPERTLPVIYNEGHGRE VWDSSLDISRTVGWFTTLYPIFVQEIVSEDPARTVARVKDLRRQVSDNGRQKF ASRMFTGKGQQTCRHHYPLEMTFNYVGQHRDLQKQDGLFQLMGHMAGEAG QGGGAADFGEETPRFALLEISALVVQGQLRFTFSFNRFMRHQSGIHAWISRCH QLLASLGQKLQSLAPQPTLSDFPMLSL
<b>Research Area</b>	Microbiology
<b>Source</b>	E.coli
<b>Target Names</b>	NRPS1
<b>Protein Names</b>	Recommended name: Nonribosomal peptide synthetase 1 EC= 6.3.2.-
<b>Expression Region</b>	894-1342aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	67.2kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



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

### Shelf Life

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