



Recombinant *Yarrowia lipolytica* Kynurenine 3-monooxygenase (BNA4)

Product Code	CSB-EP718498YAP-B
Abbreviation	BNA4
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.	Q6C9M8
Product Type	Recombinant Protein
Immunogen Species	<i>Yarrowia lipolytica</i> (strain CLIB 122 / E 150) (Yeast) (<i>Candida lipolytica</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MHEVTVVGAG LVGCLAALAF ADRGHKVALY DARPDLRSEA ELKNASLRSI NLAVSARGIE ALRSVDTKMA ERVLADIIPM YGRMIHDLQG GQHAQAYGLW GECINSIDRA QLNRTMLDVI EDNANITFFP EHKLTNISLS RKDKKYQRPT STFETKEGEE RVVESDYIIG ADGAFSKTRD RLQRYVRMNY AQQYIDCVYL ELKIPKADGP DPFSISPNHL HIWPRHKYML IALANGDGSF TSTLFAPPAL MEQVCESQNT FISFFKEQFP DAYELMGESQ ILESYENNPR SPLVSLKCSP YNHKGECLLV GDAAHCMVPF YGQGMNAGFE DIRVLMEILD EKKWNVEEAF NTYTERRHKD LVAIVDLAMR NYVEMSHSVV SLPYLIRKKV DGVLG RVFSS AWVPLYSMVS FRADIPYSKA LRSARQDRI IGNIVNWTSE AGLVGMGALF YYKGRHLFGR LFE
Source	E.coli
Target Names	BNA4
Protein Names	Recommended name: Kynurenine 3-monooxygenase EC= 1.14.13.9 Alternative name(s): Biosynthesis of nicotinic acid protein 4 Kynurenine 3-hydroxylase
Expression Region	1-463
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.