



Recombinant *Ashbya gossypii* Kynureninase (BNA5)

Product Code	CSB-EP748329DOT-B
Abbreviation	BNA5
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.	Q750P5
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MEKARALEEQ WPGARDAFHV PSYASLGLGD QTAAVRYLCG HSLGCMRKT RGSVEAELSA WSARAVEAHV RHPGGTEWVN TDLPLVPQMA RMVGASQQEV AVMGSLTANL NALLVAFYRP RGRRTKILLE KQVFPDFHA FWNQAALHGL DPAATLVQVA PRAGEHTLRT EDIVAAIETH RAELALVCLP GVQYYTGQLL DMASIVAAAR REPSIVVGF D LAHAVGNVQL QLHEWGADFA CWCSYKYLNA GPGGIAGLFV HERHHGGTLP RLAGWWGTNA ATRFEMRQTY DPLPDALGFR QSNPSVLDVA ALRASLEVFE DFGGMERVRA RSLALTGYLY ELLTQSVFYR PEVGADGVGF TILTPANPAE RGAQLSLLFW PHSDDPKNT MPRVFADLRQ NGVLGDERHP DVIRLTPCAL YNTFMEVFES VQLLNAALER LAPESAV
Source	E.coli
Target Names	BNA5
Protein Names	Recommended name: Kynureninase EC= 3.7.1.3 Alternative name(s): Biosynthesis of nicotinic acid protein 5 L-kynurenine hydrolase
Expression Region	1-447
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.



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