



Recombinant *Saccharomyces cerevisiae* 3-hydroxyanthranilate 3,4-dioxygenase (BNA1)

Product Code	CSB-YP010112SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P47096
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MFNTTPINID KWLKENEGLL KPPVNNYCLH KGGFTVMIVG GPNERTGYHI NPTPEWFYQK KGSMLLKVVD ETDAEPKFID IINEGDSYL LPGNVPHSPV RFADTVGIVV EQDRPGGEND KIRWYCSHCR QVVHESELQM LDLGTQVKEA ILDFENDVEK RTCFHCKTLN YAR PQSN
Source	Yeast
Target Names	BNA1
Protein Names	Recommended name: 3-hydroxyanthranilate 3,4-dioxygenase EC= 1.13.11.6 Alternative name(s): 3-hydroxyanthranilate oxygenase Short name= 3-HAO 3-hydroxyanthranilic acid dioxygenase Short name= HAD Biosynthesis of nicotin
Expression Region	1-177
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.