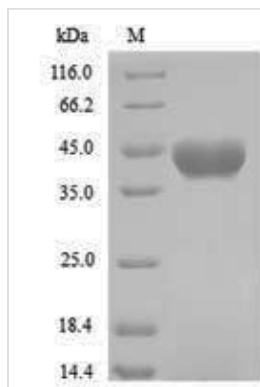




Recombinant Bradyrhizobium sp. Formamidase (amiF)

Product Code	CSB-YP397462BPF
Relevance	Is an aliphatic amidase with a restricted substrate specificity, as it only hydrolyzes formamide.
Abbreviation	Recombinant Bradyrhizobium sp. amiF protein
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.	A4Z3G9
Alias	Formamide amidohydrolase
Product Type	Recombinant Protein
Immunogen Species	Bradyrhizobium sp. (strain ORS 278)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MNGLGGLNKSEHGVVIGLVQLQLPVVVTKEDLAKQTEKIVWMVGKARRNLGT MDLVVFPEYSLHGLSMDTNPEIMCRLDGPEVAFAFKQACIDNKIWGCFSIMEYN PDGNPYNSGLIIDSNGEIKLYYRKLHPWIPVEPWEPDGLGIPVIEGPRGAKIALII CHDGMFPEMARECAYKGAEIMIRTAGYTAPIRDSWRFTNQANAFQNLMTAN VCMCGSDGSFDSMGEGMIVNFDGSILAHGTTGRADEIITAEVRPDLVREARIG WGVENNIYQLWHRGYVAVKGGAMDCPYTFMHDMVAGTYRLPWEDQVKITD GTSCGFPAPTRVFGKMAKAAE
Research Area	Microbiology
Source	Yeast
Target Names	amiF
Protein Names	Recommended name: Formamidase EC= 3.5.1.49 Alternative name(s): Formamide amidohydrolase
Expression Region	1-337aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	39.2kDa
Protein Length	Full Length
Image	



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

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.