

Recombinant Bradyrhizobium sp. AMIF Protein (1-337 aa), His-SUMO-tagged

Cat. No. AMIF-1772B **Lot. No.** (See product label)

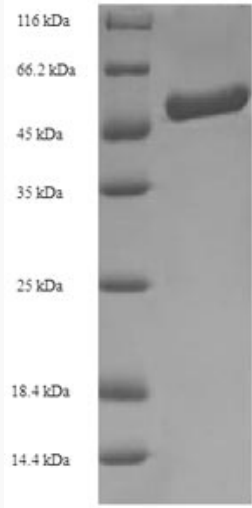
SPECIFICATION

Product Overview	Recombinant Bradyrhizobium sp. (strain ORS278) AMIF Protein (1-337 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Bradyrhizobium sp.
Source	E.coli
ProteinLength	1-337 aa
Description	Is an aliphatic amidase with a restricted substrate specificity, as it only hydrolyzes formamide.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.2 kDa
AA Sequence	MNGLGGLNKSEHG VVIGLVQLQLPVVTKEDLAKQTEKIVWMVGKARRNLGTMDLV VFPEYSLHGLSMDTNPEIMCRLDGPEVA AFKQACIDNKIWGCFSIMEYNPDGNPYNS GLIIDSNGEIKLYYRKLHPWIPVEPWE PGDLGIPVIEGPRGAKIALIICH DGMFPEMAR ECAYKGAEIMIRTAGYTAPIRDSWRFTNQANAFQNLMTANVCMCGSDGSFDSMG EGMIVNFDGSILAHGTTGRADEIITAEVRPDLVREARIGWGVENNIYQLWHRGYVAV KGGAMDCPYTFMHDMVAGTYRLPWEDQVKITDGTSCGFAPTRVFGKMAKAAE

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	amiF; Formamide amidohydrolase;
UniProt ID	A4Z3G9
	

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

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