

Recombinant Bacillus Subtilis YOAJ Protein (26-232 aa), His-SUMO-tagged

Cat. No. YOAJ-985B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bacillus Subtilis (strain 168) YOAJ Protein (26-232 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 of Mature Protein.
Species	Bacillus Subtilis
Source	E.coli
ProteinLength	26-232 aa
Description	May promote colonization of plant roots. May cause loosening and extension of plant cell walls by disrupting non-covalent bonding between cellulose microfibrils and matrix glucans. Has very low expansin activity (in vitro). No enzymatic activity has been found. Binds to peptidoglycan and to plant cell walls.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	38.9 kDa
AA Sequence	AYDDLHEGYATYTGSGYSGGAFLLDPIPSDMEITAINPADLNYGGVKAALAGSYLEV EGPKGKTTVYVTDLYPEGARGALDLSNAPFRKIGNMKDGKINIKWRVVKAPITGNFT YRIKEGSSRWAAIQVRNHKYPVMKMEYEKDGKWINMEKMDYNHFVSTNLGTGSL KVRMTDIRGKVVKDTIPKLPESGTSKAYTPGHVQFPE

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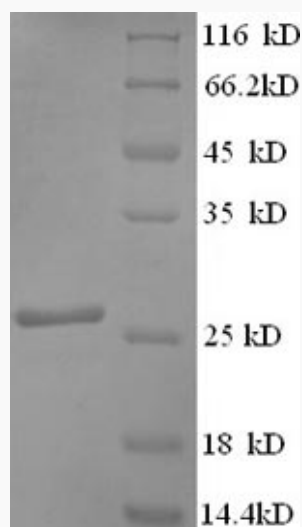
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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 concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [O34918](#)



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

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