

Recombinant Schizosaccharomyces Pombe AGN1 Protein (21-424 aa), His-Myc-tagged

SPECIFICATION

Cat.No.	AGN1-2393S
Species	Schizosaccharomyces pombe
Product Name	Recombinant Schizosaccharomyces Pombe AGN1 Protein (21-424 aa), His-Myc-tagged
Product Overview	Recombinant Schizosaccharomyces Pombe (strain 972/ATCC 24843) (Fission yeast) AGN1 Protein (21-424 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length of Mature Protein.
Description	Has a role in cell separation where it is required for the degradation of the cell wall material surrounding the septum (the septum edging) which must be hydrolyzed before full separation of the daughter cells can occur. Hydrolyzes 1,3-alpha-glucan predominantly into pentasaccharides.
Source	E. coli
Tag	His/Myc
Form	Tris-based buffer, 50% glycerol
Molecular Mass	51.8 kDa
AA Sequence	DKMVVAHFIVGNTYPYTVSNWEEDIQDAIAVGDGFALNMGSDAWQVERIEDAYDAA ASVSSDFKLFISFDMSIISADADFIIEGVVRRFADKPNQLYYDGKVFVSTFAGETDTFGY SDVSTGWDSAVKEPLASAGYPIYFVPSWTS LGQGALEESVADGFLSWNAWPTTDAD MNDNDDIGYQNLANS LGKLYVAPVSPWFYTHLSYKNWAYKSDWLIIDRWNEMLSVQ PDMIEVL TWNDYGESHYIGNIQGALPAGSEGYVDGFDHTAWRYLMSPYISAYKLGSL EPYINFESLFYWYRPTPKSATATADSLSYPSGGDYMEDEIFVLVYLLQSAEVTVTCSG TTQTFSGVPGVNVQFTIPMETNASPSFTVARQGGTLASGTGPEIVDSLSIYNFNAYTGV LYF
Purity	> 85% as determined by SDS-PAGE.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage

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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.

Synonyms	agn1;
UniProt ID	O13716
Protein length	21-424 aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.
Sequence	DKMVVAHFIVGNTYPYTVSNWEEDIQDAIAVGIDGFALNMGSDAWQVERIEDAYDAA ASVSSDFKLFISFDMSIISADADFIIEGVVRRFADKPNQLYYDGKVFVSTFAGETDTFGY SDVSTGWDSAVKEPLASAGYPIYFVPSWTSLGQGALEESVADGFLSWNAWPTTDAD MNDNDDIGYQNLANS LGKLYVAPVSPWFYTHLSYKNWAYKSDWLIIDRWNEMLSVQ PDMIEVLTWNDYGESHYIGNIQGALPAGSEGYVDGFDHTAWRYLMSPYISAYKLGLS EPYINFESLFYWYRPTPKSATATADSLSYPSGGDYMEDEIFVLVYLLQSAEVTVTCS TTQTFSGVPGVNQFTIPMETNASPSFTVARQGGTLASGTGPEIVDSLSIYNFNAYTGV LYF