

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

Cat. No. AGN1-2393S **Lot. No.** (See product label)

SPECIFICATION

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.
Species	Schizosaccharomyces Pombe
Source	E.coli
ProteinLength	21-424 aa
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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	51.8 kDa
AA Sequence	DKMVVAHFIVGNTYPYTVSNWEEDIQDAIAVGIDGFALNMGSDAWQVERIEDAYDAA ASVSSDFKLFISFDMISIADADFIIEGVVRRFADKPNQLYYDGKVFVSTFAGETDTFG YSDVSTGWDSAVKEPLASAGYPIYFVPSWTS LGQGALEESVADGFLSWNAWPTTD ADMNDNDIGYQNLANS LGKLYVAPVSPWFYTHLSYKNWAYKSDWLIIDRWNEMLS

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VQPDMIEVLTWNDYGESHYIGNIQGALPAGSEGYVDGFDHTAWRYLMSPYISAYKL
GLSEPYINFESLFYWYRPTPKSATATADSLSYPSGGDYMEDEIFVLVYLLQSAEVTVT
CGSTTQTFSGVPGVNQFTIPMETNASPSFTVARQGGTLASGTGPEIVDSL SIYNFNA
YTGVL YF

Purity > 85% 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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

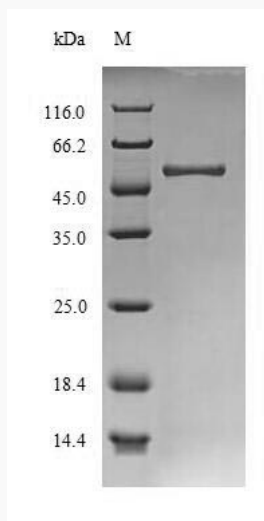
Synonyms agn1;

UniProt ID [O13716](#)

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