

Recombinant Full Length Populus Trichocarpa Casp-Like Protein Poptrdraft_873343 (Poptrdraft_873343) Protein, His-Tagged

Cat. No. RFL7084PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Populus trichocarpa CASP-like protein POPTRDRAFT_873343 (POPTRDRAFT_873343) Protein (B9HI87) (1-185aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Populus trichocarpa (Western balsam poplar) (Populus balsamifera subsp. trichocarpa)
Source	E.coli
ProteinLength	Full Length (1-185)
Form	Lyophilized powder
AA Sequence	MKAEAVESGEASTIIAAPKRGINRGISIALDLILRGVAAIGTFASALTMGTTSETLTIFTQ PIMIRAKYNDLPSLTFFVIANSIVCGYLVLSIPLSISHFIRREARITRIILVIFDTAMVE LLT AGAAAATVVVYLAHKGNANWLAICQQFNNFCERISGSLIGSFASIIMIMLIITS AV ALS RH
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	POPTRDRAFT_873343
Synonyms	POPTRDRAFT_873343; Casparian strip membrane protein 5; PtCASP5
UniProt ID	B9HI87

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