

Recombinant Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787) bcd protein, His&Myc-tagged

Cat. No. bcd-01C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787) bcd protein(P52042)(1-379aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Clostridium Acetobutylicum
Source	E.coli
ProteinLength	1-379aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	52.2 kDa
AA Sequence	MDFNLTREQELVRQMVREFAEENEVKPIAAEIDETERFPMENVKKMGQYGMMGIPFS KEYGGAGGDVLSYIIAVEELSKVCGTTGVILSAHTSLCASLINEHGTEEQKQKYLVLPL AKGEKIGAYGLTEPNAGTDSGAQQTVAVLEGDHYVINGSKIFITNGGVADTFVIFAMT DRTKGTKGISAFIIEKGFGFSIGKVEQKLGIASSTTELVFEDMIVPVENMIGKEGKG FPIAMKTLDDGRIGIAAQAALGIAEGAFNEARAYMKERKQFGRSLDKFQGLAWMMAD MDVAIESARYLVYKAAYLKQAGLPYTVDAARAKLHAANVAMDVTTKAVQLFGGYGY TKDYPVERMMRDAKITEIYEGTSEVQKLVISGKIFR

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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