

Recombinant BclA1 (CD0332)

Catalog Number	Size
AG354-10	10ug
AG354-25	25ug
AG354-B	Bulk

Specifications and Use

Description

Recombinant BclA1 (CD0332) was expressed in E.coli as a single polypeptide chain with a 6His tag at the N-terminus. It was purified from the inclusion body through a Ni-sepharose column followed by additional FPLC chromatograph steps.

MRNIILYLNDDTFISKKYPDKNFSNLDYCLIGSKCSNSFVKEKLITFFKVRIPDIL
KDKSILKAELFIHIDSNKNHIFKEKVDIEIKRISEYYNLRITITWNDRVSMENIRGY
LPIGISDTSNYICLNITGTIKAWAMNKYPNYGLALSLNYPYQILEFTSSRGCNKPY
ILVTFEDRIIDNCYPKCECPPIRITGPMGPRGATGSTGPMGVTGPTGSTGATGSIG
PTGPTGNTGATGSIGPTGVTGPTGSTGATGSIGPTGVTGPTGNTGVTGSIGPTGAT
GPTGNTGVTGSIGPTGVTGPTGNTGEIGPTGATGPTGVTGSIGPTGATGPTGEIGP
TGATGATGSIGPTGATGPTGATGVTGEIGPTGEIGPTGATGPTGVTGSIGPTGATG
PTGATGEIGPTGATGPTGVTGSIGPTGATGPTGATGEIGPTGATGPTGVTGEIGPT
GATGPTGNTGVTGEIGPTGATGPTGNTGVTGEIGPTGATGPTGVTGEIGPTGNTGA
TGSIGPTGVTGPTGATGSIGPTGATGATGVTGPTGPTGATGNSSQPVANFLVNAPS
PQTLNNGDAITGWQTIIGNSSITVDTNGTFTVQENGVYIISVSVALQPGSSINQ
YSFAILFPILGGKDLAGLTTEPGGGVLSGYFAGFLFGGTTFTINNFS
STTVGIRNGQSAGTAATLTI FRIADTVMT

Formulation

20mM HEPES-Na (pH7.9), 200mM NaCl, 0.2mM CaCl₂ and 0.1% Triton X114.

Storage

The protein sample can be stored under sterile conditions at 2- 8 °C for one month or at -20 °C to -70 °C for three months without significant degradation. Avoid repeated freeze-thaw cycles.

Accession Number

YP_001086801

Source

E coli

Molecular Mass

Approximately 80kD.

Purity

≥90%, as determined by SDS-PAGE

Endotoxin

<50EU/ml

Special Notes

FOR RESEARCH ONLY