

Recombinant *Bacillus thuringiensis* subsp. *Kurstaki* cry1Ac protein, GST-tagged

Cat. No. cry1Ac-4123B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Bacillus thuringiensis</i> subsp. <i>Kurstaki</i> cry1Ac protein(P05068)(972-1178aa), fused to N-terminal GST tag, was expressed in <i>E. coli</i> .
Species	<i>Bacillus thuringiensis</i>
Source	<i>E. coli</i>
ProteinLength	972-1178aa
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	50.8 kDa
AA Sequence	LYDARNVIKNGDFNNGLSWVNVKGVHDVEEQNNQRSVLVPEWEAEVVSQEV RVCP GRGYILRV TAYKEGYGEGCVTIHEIENNTDELKFSNCVEEEIYPNNTVTCNDYTVNQE EYGGAYTSRNRGYNEAPSPADYASVYEEKSYTDGRRENPCFENRGYRDYTPLPV GYVTKELEYFPETDKVWIEIGETEGTFIVDSVELLLMEE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

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%.

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