

Recombinant *Corynebacterium diphtheriae* Diphtheria Toxin, His&Avi tagged, Biotinylated

Cat. No. Diphtheria Toxin-10 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant <i>Corynebacterium diphtheriae</i> Diphtheria Toxin with His&Avi tag was expressed in <i>E. coli</i> .
Species	<i>Corynebacterium diphtheriae</i>
Source	<i>E. coli</i>
ProteinLength	26-560 aa
Conjugation/Label	Biotin
Description	Diphtheria toxin is a protein molecule, of 58,350 Da, that is released into the supernatant by toxinogenic <i>Corynebacterium diphtheriae</i> strains.
Molecular Mass	61.1 kDa
Endotoxin	< 1.0 EU/μg of the protein by the LAL
Purity	> 95% by SDS-PAGE
Biotinylation	The biotin to protein ratio is 1.00 as determined by Streptavidin Pull-Down Assay
Note	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process

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Storage	Store at -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Stable for at least 1 year from receipt of products under proper storage and handling conditions
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Storage Buffer	50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 10% glycerol
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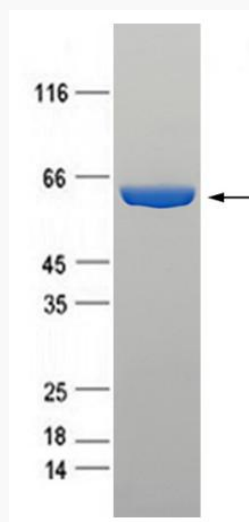
Concentration	0.79 mg/mL by BCA
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GENE INFORMATION

Official Symbol	Diphtheria Toxin
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Synonyms	Diphtheria Toxin
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SDS-PAGE and WB



Purified recombinant Diphtheria toxin protein was analyzed by Tricine-SDS-PAGE 8 - 20% gel, run with Tris-Glycine running buffer

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