

# Recombinant Clostridium butyricum HC protein, His-SUMO-tagged

**Cat. No.** HC-3945C    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Clostridium butyricum HC protein(P30995)(2-422aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Clostridium butyricum
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-422aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	63.7 kDa
<b>AA Sequence</b>	<p>PTINSFNYNDPVNNRTILYIKPGGCQQFYKSFNIMKNIWIIPERNVIGTIPQDFLPPTSL  KNGDSSYYDPNYLQSDQEKDKFLKIVTKIFNRINDNLSGRILLEELSKANPYLGNDNT  PDGDFIINDASAVPIQFSNGSQSILLPNVIIMGAEPDLFETNSSNISLRNNYMPSNHGF  GSIAIVTFSPEYSFRFKDNSMNEFIQDPALTMHELIHSLHGLYGAKGITTKYTITQKQ  NPLITNIRGTNIEEFLTFGGTDLNIITSAQSNDIYTLLADYKKIASKLSKVQVSNPLLNP  YKDVFEAKYGLDKDASGIYSVNINKFNDIFKKLYSFTEFDLTKFQVKCRQTYIGQYK  YFKLSNLLNDSIYNISEGYNINNLKVNFRGQANLNPRIITPITGRGLVKKIIRFCKNIVS  VKGIR</p>

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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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