

Recombinant *Clostridium kluyveri* (strain ATCC 8527 / DSM 555 / NCIMB 10680) 4hbD protein, His&Myc-tagged

Cat. No. 4hbD-54C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Clostridium kluyveri</i> (strain ATCC 8527 / DSM 555 / NCIMB 10680) 4hbD protein(P38945)(1-371aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in <i>E. coli</i> .
Species	<i>Clostridium kluyveri</i>
Source	<i>E. coli</i>
Protein Length	1-371aa
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	49.2 kDa
AA Sequence	MKLLKLAPDVYKFDTAEEFMKYFKVGKGDFILTNEFLYKPFLEKFNDGADAVFQEKY GLGEPSEMINNIKDIDGDKQYNRIIIVGGGSVIDIAKILSLKYTDDSLDLFEGKVPLVK NKELIIVPTTCGTGSEVTNVSAELKRRHTKKGIASDELYATYAVLVPEFIKGLPYKFF VTSSVDALIHATEAYVSPNANPYTDMFSVKAMELILNGYMQMVEKGNDYRVEIIEDF VIGSNYAGIAFGNAGVGAVHALSYPIGGNYHVPHGGEANYLFFTEIFKTYYEKNPNGKI KDVNKLKLAGILKCDSEAYDSLSQLLDKLLSRKPLREYGMKEEEIETFADSVIEGQQR LLVNNYEPFSREDIVNTYKKLY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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