

This product is for research use only (not for diagnostic or therapeutic use)

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Product no AS08 286

HSP16,6 | Class I heat shock protein 16,6 (cytosolic)

Product information

Immunogen Recombinant protein. Synechocystis PCC 6803 Hsp16.6 CI (class one) UniProt: P72977

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 50 μl

Reconstitution For reconstitution add 100 μl of sterile water

Storage Store lyophilized/reconstituted at -20 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to

the cap or sides of the tube.

Additional information This product can be sold containing proclin if requested

Application information

Recommended dilution 1:5000 (WB)

Expected | apparent

16,6 kDa

Confirmed reactivity Synechocystis sp. PCC 6803

Predicted reactivity Synechococcus sp., Thermosynechococcus sp.

Species of your interest not listed? Contact us

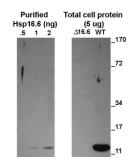
Not reactive in No confirmed exceptions from predicted reactivity are currently known

Additional information On a gradient gel Hsp16,6 runs closer to 11 kDa

Selected references Gunnelius et al. (2014). The omega subunit of the RNA polymerase core directs transcription efficiency in

cyanobacteria. Nucleic Acids Res. 2014 Jan 29.

Application example



Left panel: purified recombinant Hsp16.6 in 0.5, 1 and 2 ng per well. Right panel: **5 μg of total protein** from *Synechocystis* PCC 6803 null mutant and WT were separated on **9-17 % SDS-PAGE** and blotted 1h to **nitrocellulose** (Biorad). Blots were incubated in the primary antibody at a dilution of 1: 5 000 for 1h at room temperature with agitation and a secondary HRP-conjugated antibody (1: 10 000).