

Recombinant Haemophilus influenzae hap Protein

Cat. No. hap-99H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Haemophilus influenzae hap Protein was expressed in E. coli.
Species	Haemophilus influenzae
Source	E.coli
Description	adhesion and penetration autotransporter Hap
Form	Liquid. In 100 mM NaH ₂ PO ₄ 100mM Tris 4 M Urea pH 8.0.
Molecular Mass	~107.6 kDa
AA Sequence	GHTYFGIDYQYYRDFAENKGKFAVGAKDIEVYNKKGELVGKSMTKAPMIDFASVARS GYAALVGdqYIVSVAHNGGYTNADFGAEGQNPdQHRFTYQIVKRNNYKPDQKHhY NGDYHMPRLHKFVTESSPFDMTGSMKGQTYADKEKYPMRVRIGSGDQYWRNEQD KGTQVAEAYGYLIAGNTHMQTGAGNGDVSLSGDVRKGNDYGPMPtagsSFGDSGS PMFIYDATEKKWLINGVLRTGNPSLGRENTFQLVRKNYFDEIFSANLKTtIFDFRTPK NQQNQHYTFHskNDGSGTITSGAGKIYKVKLANYNLSMKGTEPVYTNGGVNNYSPA LSHGENLYFIDYGKGVLTFSNNIDQGAGGLYFEGDFIVSPthNETWKGAGISISDEST VIWKVNGVENDRLSKIGKGTLHIQAKGKNLGSISVGDKVILEQQEDDQHKKQAFSEI GLVSGRGTVQLNDDKQFDtdKFYFGFRGGRDLNGHSLTFKRIQNTDEGAMIVNHN TTEVANVTITGNESIVLPNGNNINKLNYSKEIAYNGWfGETDENKHNGRLNLIYKPTT EDRTLlLSGGTNLKGdITQEGGTLVfSGRPTPhAYNHLNRPNELGRPQGEVVIDDD WINRTFKAENFQIKGGSaVVSrNVSSIEGNWTISNNANATFGVVPNQQNTICTRSdW TGLTTCKTENLTdTKVINSIPTTQINGSINLTdNATANVKGLAKLNGNVTLTNHSQFTL

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SNNATQIGNIRLSDNSTATVDNANLNGNVHLTNSAQFYLKNSHLSHQIQGDKGTTVT
 LENATWTMPSDTTLQNLTLNNSTVTLNSAYSASPNNTPRRRRRSLETETTTPTSAEH
 RFNTLTVNGKLSGGQGTFTSSLFGYKSDKLKLSDAEGDYILSVRNTGKEPETLEQ
 LTLVESKDNQPLSDKLTFTLENDHVDAGALRYVLVKNNGEFRLHNPIKEQELHNDLV
 RAEQAEQTLEAK

Purity >85%

Storage Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.

Concentration 1.2 mg/ml

GENE INFORMATION

Gene Name [hap adhesion and penetration autotransporter Hap \[Haemophilus influenzae \]](#)

Official Symbol [hap](#)

Gene ID [72526299](#)

Protein Refseq [WP_044332300](#)

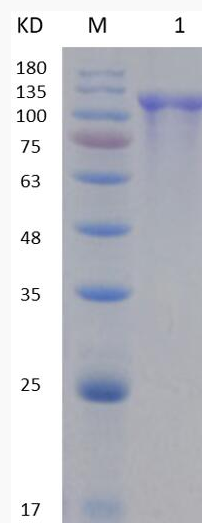
UniProt ID [P45387](#)

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SDS-PAGE



12% SDS-PAGE analysis profiles of purified NTHI0354-26-1000 (CBB stained)

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