

Recombinant Haemophilus influenzae hap Protein

Cat. No. hap-44H **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 Tris-HCl containing 100 mM NaH ₂ PO ₄ and 4 M Urea (pH8.0).
Molecular Mass	~154 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGHTYFGIDYQYYRDAENKGKFAVGAKDIEVYNK KGELVGKSMTKAPMIDFASVARSGYAALVGDQYIVSVAHNGGYTNADFGAEGQNP DQHRFTYQIVKRNNYKPDQKHNYNGDYHMPRLHKFVTESSPFDMTGSMKGQTYAD KEKYPMRVRIGSGDQYWRNEQDKGTQVAEAYGYLIAGNTHMQTGAGNGDVSLSG DVRKGNDYGPMPTAGSFGDSGSPMFIYDATEKKWLINGVLRTGNPSLGRENTFQLV RKNYFDEIFSANLKTTFDFRTPKNQQNQHYTFHSGNDGSGTITSGAGKIYKVKLANY NLSMKGTEPVYTNGGVNNYSPALSHGENLYFIDYGKGVLTFSNNIDQGAGGLYFEG DFIVSPTHNETWKGAGISISDESTVIWKVNGVENDRLSKIGKGTLHIQAKGNLGSISV GDGKVILEQQEDDQHKKQAFSEIGLVSGRGTVQLNDDKQFDTDKFYFGFRGGRDL NGHSLTFKRIQNTDEGAMIVNHNTTEVANVTITGNESIVLPNGNNINKLNYSKEIAYNG WFGETDENKHNGRLNLIYKPTTEDRTLLSSGGTNLKGDITQEGGTLVFSGRPTPHAY NHLNRPNELGRPQGEVVIDDDWINRTFKAENFQIKGGSVVSRNVSSIEGNWTISNN ANATFGVVPNQNTICTRSDWTGLTTCKTENLTDTKVINSIPTTQINGSINLTDNATA

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NVKGGLAKLNGNVTLTNHSQFTLSNNATQIGNIRLSDNSTATVDNANLNGNVHLTNSA
QFYLKNSHLSHQIQGDKGTTVTLENATWTMPSTTLQNLTLNNSTVTLSAYSASPN
NTPRRRRRSLETETTTPTSAEHRFNTLTVNGKLSGGQGTFTSSLFGYKSDKLKLSND
AEGDYILSVRNTGKEPETLEQLTLVESKDNQPLSDKLTFTLENDHVDAGALRYVLVK
NNGEFRLHNPIKEQELHNDLVRAEQAEQTLEAKQVEPTAETQTSKAKVRLRRVLP
DTLPAQSLLNALEAKQAEPNAKTQKSKAKTKKARSKRALRAVFSDPPPDQSQLDVL
KAALEVINAQPQVGKERQAQEKQKGKQKDLISRYSNSALSSELSATVNSMLSVQDELD
RLFVDQAQSAVWTNIAQDKRRYDSADAFRAYQQKTNLRLQIGVQKALDNGRIGAVFSH
SRSDNTFDEQVKNHATLTMMMSGFAQYQWGDQLQFGVNVGAGISASKMAEEQSRKIH
RKAINYGVNASYQFRLGQLGIQPYLGVNRYFIERENYQSEDEVKVQTPSLAFNRYNAG
IRVDYTFPTDNISVKPYFFVNYVDVSNANVQTTVNSTMLQQSFGRYWQKEVGLKA
EILHFQLSAFISKSQGSQGLGKQQNVGVKLG YRW

Purity >90%

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 0.67 mg/ml

GENE INFORMATION

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

Official Symbol [hap](#)

Gene ID [72526299](#)

Protein Refseq [WP_044332300](#)

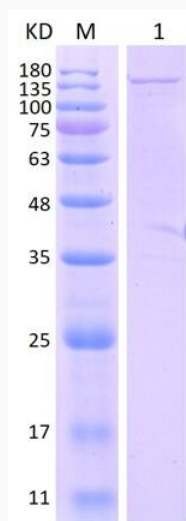
UniProt ID [P45387](#)

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SDS-PAGE



12% SDS-PAGE analysis profiles of purified NTHI0354-26-1392 (CBB stained).

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