

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

KPNB1, 1-876aa, Human, His tag, E.coli

产品货号: TP02760

第三版

别名: Importin subunit beta-1, IMB1, Impnb, IPO1, IPOB, NTF97.

描述: NTF97, also known as KPNB1, is a member of the importin beta family. This protein is involved in nuclear protein import, either by associating itself with an adapter protein (for example, importin-alpha subunit which binds to nuclear localization signals (NLS) in cargo substrates), or by acting autonomously as a nuclear transport receptor (serves as NLS receptor, docking of the importin/substrate complex to the nuclear pore complex).

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

分子量: 99.6 kDa (899aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMELITILEKTVSPDRLELEAAQKFLERA AVENLPTFLVELSRVLANPGNSQVARVAA  
GLQIKNSLTSKDPDIKAQYQQRWLAIDANARREVKNYVLQTLGTETYPSSASQCVAGIACAEIPVNQWPELIPQLVANV  
TNPNSTEHMKESTLEAIGYICQDIDPEQLQDKSNEILTAIIQGMRKEEPSN NVKLAATNALLNSLEFTKANFDKESERHFIM  
QVVCEATQCPDTRVRVAALQNLVKIMSLYYQYMETYMGPALFAITIEAMKSDIDEVALQGIEFWSNVCDEEMDLAIEASE  
AAEQGRPPEHTSKFYAKGALQYLVPILTQTLTKQDENDDDDDDWNPCAAAGVCLMLLATCCEDDIVPHVLPFIKEHIKNP  
DWRYRDAAVMAFGCILEGPEPSQLKPLVIQAMPTLIELMKDPSVVVRDTAAWTVGRICELLPEAAINDVYLAPLLQCLIEG  
LSAEPVASNVCWAFSSLAEAA YEAADVADDQEEPATYCLSSSFELIVQKLETTDRPDGHQNNLRSSAYESLMEIVKNSAK  
DCYPAVQKTTLVIMERLQQVLQMESH IQSTSDRIQFNDLQSLLCATLQNVLRKVQH QDALQISDVVMASLLRMFQSTAG  
SGGVQEDALMAVSTLVEVLGG EFLKYMEAFKPLGIGLKNYA EYQVCLA AVGLVGDLCRALQSNII PFCDEV MQLLLENL  
GNENVHRSVKPKILSVFGDIALAIGGEFKYLEVVLN TLQQASQAQVDKSDYDMVDYLNELRESCLEAYTGIVQGLKGDQ  
ENVHPDVMLVQPRVEFILSFIDHIAGDE DHTDGVVACAAGLIGDLCTAFGKDV LKLV EARPMIHELLTEGRRSKTNKAKT  
LATWATKELRKLKNQA
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纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.