

RPPB3810

Product Information Protein Information

Product SKU:

RPPB3810

Accession:

Q14974

Host:

E.coli.

Protein description:

KPNB1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 899 amino acids (1-876 a.a.) and having a molecular mass of 99.6kDa. KPNB1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Importin subunit beta-1, Importin-90, Karyopherin subunit beta-1, Nuclear factor p97, Pore targeting complex 97kDa subunit, PTAC97, KPNB1, NTF97.

Formulation:

KPNB1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.1M NaCl.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMEILITL EKTVSPDRLE LEAAQKFLER AAVENLPTFL VELSRVLANP
GNSQVARVAA GLQIKNSLTS KDPDIKAQYQ QRWLAIIDANA RREVKNYVLQ TLGTETYRPS SASQCVAGIA
CAEIPVNQWP ELIPQLVANV TNPNSTEHMK ESTLEAIGYI CQDIDPEQLQ DKSNEILTAI IQGMRKEEPS
NNVKLAATNA LLNSLEFTKA NFDKESERHF IMQVCEATQ CPDTRVRVAA LQNLVKIMSL YYQYMETYMG
PALFAITIEA MKSDIDEVAL QGIEFWSNVC DEEMDLAIEA SEAAEQGRPP EHTSKFYAKG ALQYLVPILT
QTLTKQDEND DDDDWNPCKA AGVCLMLLAT CCEDDIVPHV LPFIKEHIKN PDWRYRDAAV MAFGCILEGP
EPSQLKPLVI QAMPTLIELM KDPSVVVVRT AAWTVGRICE LLPEAAINDV YLAPLLQCLI EGLSAEPRVA
SNVCWAFSSL AEAAYEADV ADDQEEPATY CLSSSFELIV QKLETTDRP DGHQNNLRSS AYESLMEIVK
NSAKDCYPAV QKTTLVIMER LQQVLQ MESH IQSTSDRIQF NDLSLLCAT LQNVLRKVQH QDALQISDVV
MASLLRMFQS TAGSGGVQED ALMAVSTLVE VLGGEFLKYM EAFKPLGIG LKNYAIEYQVC LAAVGLVGD
CRALQSNIIIP FCDEVMQLLL ENLGNENVHR SVKPKILSVF GDIALAIGGE FKKYLEVVLN TLQQASQAQV
DKSDYDMVDY LNELRESCLE AYTGIVQGLK GDQENVHPDV MLVQPRVEFI LSFIDHIAGD EDHTDGVVAC
AAGLIGDLCT AFGKDVLLKLV EARPMIHELL TEGRRSKTNK AKLATWATK ELRKLKNQA.