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SNUPN, 1-360aa, Human, His tag, E.coli

产品货号: TP03995

第三版

别名:KPNBL, RNUT1, Snurportin1, SPN1, Snurportin1

描述:SNUPN, also known as KPNBL or RNUT1, is a nuclear import adaptor protein belonging to the Snurportin family. Localizing to the cytoplasm and nucleus, Snurportin-1 contains an N-terminal IBB domain and a trimethylguanosine (m3G)-cap binding domain. It specifically binds the terminal 2,2,7-m3G-cap at the 5' end of U snRNPs and functions to transport U snRNPs into the nucleus via an association with Importin beta. Recombinant human Snurportin-1 protien, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量:43.3 (380aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMEELSQLASSFSVSQDLNSTAAPHPRLSQYKSKYSSLEQSERRRRLELQKSKRLDYVNH
ARRLAEDDWTGMESEENKKDDEMDIDTVKKLPKHANQLMLSEWLIDVPSDLGQEWIVVVCVPGKRALIVASRGSTS
AYTKSGYCVNRFSSLLPGGNRRNSTAKDYTILDCIYNEVNQTYVLDVMCWRGHPFYDCQTDFRFYWMHSKLPEEEGLG
EKTKLNPFKFVGLKNFPCTPESLCDVLSMDFPFVDGLLFYHKQTHYSPGSTPLVGVWLRPYMVSDVLGVAVPAGPLTTKP
DYAGHQLQQIMEHKKSQKEGMKEKLTHKASENGHYELEHLSTPKLKGSSHSPDHPGCLMEN

纯度:> 95% by HPLC

浓度:1.0 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.