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SNX5, 1-404aa, Human, His tag, E.coli

产品货号: TP03999

第三版

**别名:**Sorting nexin-5 isoform a, Sorting nexin 5, snx 5

**描述:**SNX5 also known as sorting nexin-5, is a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein is a component of the mammalian retromer complex, which facilitates cargo retrieval from endosomes to the trans-Golgi network. It has also been shown to bind to the Fanconi anemia, complementation group A protein. Recombinant human SNX5, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT.

**分子量:**49.2kDa (427aa) confirmed by MALDI-TOF.

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMMAAVPELLQQQEEDRSKLRSVSVDLNVDPQLQIDIPDALSERDKVKFTVHTKTTLPT  
FQSPEFSVTRQHEDFVWLHDTLIETTDYAGLIIPPAPT KPDFDGPREKMQKLGE GEGSMTKEEFAKMKQELEAEYLAVFKK  
TVSSHEVFLQRLSSHPVLSKDRNFHVLFLEYDQDLSVRRKNTKEMFGGFFKSVVKSADDEVLF TGVKEVDDFFEQEKNFLINY  
YNRIKDSCVKADKMTRSHKNVADDYIHTAACLSLAEPTVIKKYLLKVAELFEKLRKVEGRVSSDEDLKLTELLRYYML  
NIEAAKDLLYRRTKALIDYENSNKALDKARLKS KDVKLAEAHQECCQKFEQLSESAKEELINFKRKRVA AFRKNLIEMSEL  
EIKHARNNVSLQSCIDLFKNN

**纯度:**> 95% by HPLC

**浓度:**0.25mg/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.