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SEC13, 1-322aa, Human, His tag, E.coli

产品货号: TP03877

第三版

别名:Protein SEC13 homolog, D3S1231E, SEC13L1, SEC13R

**描述:**SEC13 belongs to the SEC13 family of WD-repeat proteins. It is a constituent of the endoplasmic reticulum and the nuclear pore complex. It has similarity to the yeast SEC13 protein, which is required for vesicle biogenesis from endoplasmic reticulum during the transport of proteins. This protein interacts with SEC31A and SEC31B. SEC31A was found to colocalize with SEC13, one of the other components of COPII, in the subcellular structures corresponding to the vesicle transport function. Recombinant human SEC13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 100mM NaCl

**分子量:**37.7kDa (342aa), confirmed by MALDI-TOF

**序列:**

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MGSSHHHHHSSGLVPRGSHMVSIVNTVDTSHEDMIHDAQMDYYGTRLATCSSDRSVKIFDVRNGGQILIADLRGHEG
PVWQVAWAHPMYGNILASCSYDRKVIIWRENGTWEKSHEHAGHDSSVNSVCWAPHDYGLILACGSSDGAISLLTYTGE
GQWEVKKINNAHTIGCNAVSWAPAVVPGSLIDHPSGQKPNYIKRFASGGCDNLIKLVKEEEDGQWKEEQKLEAHSW
VRDVAWAPSIGLPTSTIASCSQDGRVFIWTCDDASSNTWSPKLLHKFNDVVWHVSWSITANILAVSGGDNKVTWLVKESV
DGQWVCISDVNKGQGSVSASVTEGQQNEQ
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**纯度:**> 95% by HPLC

**浓度:**0.5 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.