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SEPT5, 1-369aa, Human, His tag, E.coli

产品货号: TP03890

第三版

别名: septin-5, CDCREL, CDCREL-1, CDCREL1, H5, PNUTL1

**描述:** SEPT5, also known as septin-5, belongs to the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. Recombinant human SEPT5 protein, fused to Histag at N-terminus, was expressed in E.coli and purified by using conventional chromatography

**配方:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.3M NaCl, 1mM DTT

**分子量:** 45.2 kDa (392aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMSTGLRYKSKLATPEDKQDIDKQYVGFATLPNQVHRKSVKKGFDFTLMVAGESGL  
GKSTLVHSLFLTDLYKDRKLLSAEERISQTVEILKHTVDIEEKGVKLKLTIVDTPGFGDAVNNTCEWKPITDYVDQQFEQYF  
RDEGLNRKNIQDNRVHCCLYFISPFHGHLRPVDVGFMKALHEKVNIPLIAKADCLVPSEIRKLKERIREEIDKFGIHVYQ  
FPECDSEDEDFKQQDRELKESAPFAVIGSNTVVEAKGQRVRGRLYPWGIVEVENQAHCDFVKLRNMLIRTHMHDLDK  
VTCDVHYENYRAHCIQQMTSKLTQDSRMESPIPLPLTPDAETEKLRMKDEELRRMQEMLQRMKQQMQDQ

**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.