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NDP, 25-133aa, Human, His tag, E.coli

产品货号: TP03118

第三版

别名:Norrin, EVR2, FEVR, ND

**描述:**Norrin precursor, also known as NDP, is a secreted regulatory protein. It activates the canonical Wnt signaling pathway through FZD4 and LRP5 coreceptor. This protein plays a central role in retinal vascularization by acting as a ligand for FZD4 that signals via stabilizing beta-catenin (CTNNB1) and activating LEF/TCF-mediated transcriptional programs. It may be involved in a pathway that regulates neural cell differentiation and proliferation. Recombinant human NDP protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**分子量:**14.8 kDa (132aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSKTDSFFIMDS DPRRCMRHHYVDSISHPLYKCSSKMVLLARCEGHCSQASRSEPLVSF  
STVLKQPFRRSSCHCCRPQTSKLRALRLRCSGGMRLTATYRYILSCHCEECNS

**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.