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WNT7A, 32-349aa, Human, His tag, E.coli

产品货号: TP04503

第三版

别名:Protein Wnt-7a precursor, Wingless-type MMTV integration site family, member7A

**描述:**WNT7A is a member of the WNT gene family, which consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. Mutations in this gene are associated with Fuhrmann and Al-Awadi/Raas-Rothschild/Schinzal phocomelia syndromes. Recombinant human WNT7A 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 10% glycerol, 0.4M urea

**分子量:**38.0 kDa (341aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSLGASIIICNKIPGLAPRQRAICQSRPDAIIVIGEGSQMGLDECQFQFRNGRWNCALG  
ERTVFGKELKVGSRFAAFTYAIIAAGVAHAITAACQGNLSDCGCDKEKQGGYHRDEGWKWGGCSADIRYGIGFAKVF  
VDAREIKQNARTLMNLHNEAGRKILEENMKLECKCHGVSGSCTTKTCWTTLPQFRELGYVLKDKYNEAVHVEPV  
RASRNKRPTFLKIKPLSYRKPMDTDLVYIEKSPNYCEEDPVTGSGVTQGRACNKTAPQASGCDLMCCGRGYNTHQYARVW  
QCNCDFHWCCYVKCNTCSERTEMYTCK

**纯度:**> 95% by HPLC

**浓度:**1mg/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.