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NUDT21, 1-227aa, Human, His tag, E.coli

产品货号: TP03228

第三版

别名:Nudix (nucleoside diphosphate linked moiety X)-type motif 21, CFIM25, CPSF5, DKFZp686H1588

描述:NUDT21, also known as CPSF5 or CFIm25, is a member of the Nudix hydrolase family of pyrophosphatases. This protein localizes to the paraspeckles and forms a heterodimer with CPSF6 or CPSF7 to comprise the CFIm (mammalian cleavage factor I) complex. NUDT21 is the smaller subunit of the complex and is present in all heterodimer combinations. NUDT21 plays an important role in pre-mRNA 3' cleavage and polyadenylation processing.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,2mM DTT, 20% glycerol

分子量:28.3 kDa (247aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSVPPNRSQTGWPRGVTQFGNKYIQQTKPLTLERTINLYPLTNYTFGTKEPLYEKDSSV
AARFQRMREEFDKIGMRRTVEGVLIVHEHRLPHVLLLQLGTTFFKLPGGELNPGEDEVEGLKRLMTEILGRQDGVLDQDW
VIDDCIGNWWRPNFEPQYPYIPAHITKPKHEHKKLFLVQLQEKALFAVPKNYKLVAAPLFELYDNAPGYGPIISSLPQLLSRF
NFIYN

纯度:> 95% by HPLC

浓度:1 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.