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EIF4A3, 1-411aa, Human, His tag, E.coli

产品货号: TP01998

第三版

别名: Eukaryotic initiation factor 4A-III, DDX48, eIF4AIII, KIAA0111, NMP265, NUK34.

描述: EIF4A3 (Eukaryotic initiation factor 4A-III) belongs to the DEAD box helicase family and eIF4A subfamily. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 30% glycerol, 200mM NaCl

分子量: 49.4kDa (435aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMATTATMATSGSARKRLLKEEDMTKVEFETSEEVDVTPTFDTMGLREDLLRGIYA  
YGF EKPSAIQQRAIKQIIKGRDVIAQSQSGTGKTATFSISVLQCLDIQVRETQALILAPTRELA VQIQKGLLALGDYMNVC  
HACIGGTNVGEDIRKLDYGQHV VAGTPGRVDFMIRRRSLRTRAIKMLVLDEADEMLNKGFKEQIYDVYRYLPPATQV VLI  
SATLPHEILEMTNKFMTDPIRILVKRDEL TLEGIKQFFVAVEREEWKFDL TCDLYDTLTITQAVIFCNTKRKVDWLTEKMRE  
ANFTVSSMHGDM PQKERESIMKEFRSGASRVLISTDVWARGLDVPQVSLIINYDLPNNRELYIHRIGRSGRYGRKGVAINF  
VKND DIRILRDIEQYYSTQIDEMPMNVADLI

纯度: > 95% by HPLC

浓度: 0.5mg/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.