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EYA2, 244-514aa, Human, His tag, E.coli

产品货号: TP02064

第三版

别名: Eyes absent homolog 2, EAB1, MGC10614.

描述: EYA2, also known as eyes absent homolog 2, is a member of tyrosine phosphatase family that specifically dephosphorylates 'Tyr-142' of histone H2AX (H2AXY142ph). This protein promotes efficient DNA repair by dephosphorylating H2AX, promoting the recruitment of DNA repair complexes containing MDC1.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

分子量: 33.2 kDa (295aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMERVFVWDLDETIIFHSLLTGTFASRYGKDTTTSVRIGLMMEEMIFNLADTHLFFN
DLEDCDQIHVDDVSSDDNGQDLSTYNFSADGFHSSAPAANLCLGSGVHGGVDWMRKLAFRYRRVKEMYNTYKNNVG
GLIGTPKRETWLQLRAELEALDLWLTHSLKALNLSRPNCVNVLVTTTQLIPALAKVLLYGLGSVFPIENIYSATKTGKES
CFERIMQRFGRKAVYVVIGDGVVEEQGAKKHNMFPWRISCHADLEALRHALELEYL

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.