

Recombinant Human HUS1 protein ab101944

1 图像

描述	
产品名称	重组人HUS1蛋白
纯度	> 95 % SDS-PAGE. ab101944 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>O60921</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMKFRAKIVDGACLNHFTRIS NMIAKLAKTC TLRISPDKLNFILCDKLANGGVSMWCELEQENFFNEFQMEGV SAENNEIY LELTSENLSRALKTAQNARALKIKLTNKHFPCLTVSVELLSM SSSSRIVT HDIPIKVIPRKLWKDLQEPVVPDPDVSIIYLPVLKTMKSVVEK MKNISNHL VIEANLDGELNLKIETELVCVTTHFKDLGNPPLASESTHEDR NVEHMAEV HIDIRKLLQFLAGQQVNPTKALCNIVNNKMVHFDLLHEDVSL QYFIPALS
预测分子量	34 kDa including tags
氨基酸	1 to 280
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab101944 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF

形式	Liquid
制备和贮存	
稳定性和存储	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>pH: 8.00</p> <p>Constituents: 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride</p>
常规信息	
功能	<p>Component of the 9-1-1 cell-cycle checkpoint response complex that plays a major role in DNA repair. The 9-1-1 complex is recruited to DNA lesion upon damage by the RAD17-replication factor C (RFC) clamp loader complex. Acts then as a sliding clamp platform on DNA for several proteins involved in long-patch base excision repair (LP-BER). The 9-1-1 complex stimulates DNA polymerase beta (POLB) activity by increasing its affinity for the 3'-OH end of the primer-template and stabilizes POLB to those sites where LP-BER proceeds; endonuclease FEN1 cleavage activity on substrates with double, nick, or gap flaps of distinct sequences and lengths; and DNA ligase I (LIG1) on long-patch base excision repair substrates.</p>
组织特异性	Ubiquitous.
序列相似性	Belongs to the HUS1 family.
细胞定位	Nucleus. Cytoplasm. In discrete nuclear foci upon DNA damage. According to PubMed:14500360, localized also in the cytoplasm. DNA damage induces its nuclear translocation. Shuttles between the nucleus and the cytoplasm.

图片



15% SDS-PAGE analysis of 3µg ab101944.

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