

Recombinant Human HUS1 protein ab101944

画像数 1

製品の詳細

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| 製品名 | Recombinant Human HUS1 protein |
| 精製度 | > 95 % SDS-PAGE. ab101944 is purified using conventional chromatography techniques. |
| 発現系 | Escherichia coli |
| アクセッション番号 | <u>O60921</u> |
| タンパク質長 | Full length protein |
| Animal free | No |
| 由来 | Recombinant |
| 生物種 | Human |
| 配列 | <p>MGSSHHHHHHSSGLVPRGSHMKFRAKIVDGACLNHFTRIS NMIAKLAKTC TLRISPDKLNFILCDKLANGGVSMWCELEQENFFNEFQMEGV SAENNEIY LELTSENLSRALKTAQNARALKIKLTNKHFPCLTVSVELLSM SSSSRIVT HDIPIKVIPRKLWKDLQEPVVPDPDVSIIYLPVLKTMKSVVEK MKNISNHL VIEANLDGELNLKIETELVCVTTHFKDLGNPPLASESTHEDR NVEHMAEV HIDIRKLLQFLAGQQVNPTKALCNIVNNKMVHFDLLHEDVSL QYFIPALS</p> |
| 予測される分子量 | 34 kDa including tags |
| 領域 | 1 to 280 |
| タグ | His tag N-Terminus |

特性

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.

| | |
|----------|-------------------|
| アプリケーション | SDS-PAGE |
| | Mass Spectrometry |
| 質量分析 | MALDI-TOF |

製品の状態

Liquid

前処理および保存

保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

関連情報

機能

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.

組織特異性

Ubiquitous.

配列類似性

Belongs to the HUS1 family.

細胞内局在

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.

画像



15% SDS-PAGE analysis of 3µg ab101944.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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