

Product datasheet

Recombinant Human Rad6 protein ab207955

1 Image

Description

| | | |
|-----------------------------------|--|--|
| Product name | Recombinant Human Rad6 protein | |
| Purity | > 95 % SDS-PAGE. | |
| Expression system | Escherichia coli | |
| Accession | P49459 | |
| Protein length | Full length protein | |
| Animal free | No | |
| Nature | Recombinant | |
| Species | Human | |
| Sequence | MSTPARRRLM RDFKRLQEDP PAGVSGAPSE NNIMVWNAVI FGPEGTPFED GTFKLTIEFT EEYPNKPPTV RFVSKMFHPN VYADGSICLD ILQNRWSPTY DVSSILTSIQ SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAMEQSWR DC | |
| Predicted molecular weight | 17 kDa | |
| Amino acids | 1 to 152 | |
| Tags | His tag N-Terminus | |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab207955** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|---------------------|--|
| Applications | SDS-PAGE Immunohistochemistry methylmethacrylate sections |
| Form | Liquid |

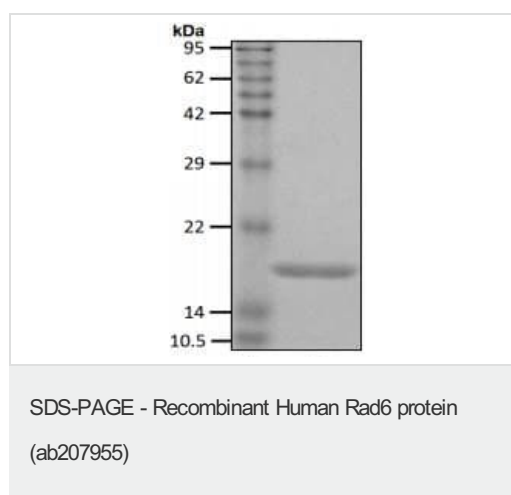
Preparation and Storage

| | |
|------------------------------|--|
| Stability and Storage | Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 0.24% Tris, 0.87% Sodium chloride, 0.02% Beta mercaptoethanol, 10% Glycerol |
|------------------------------|--|

General Info

| | |
|------------------------------|---|
| Function | Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In association with the E3 enzyme BRE1 (RNF20 and/or RNF40), it plays a role in transcription regulation by catalyzing the monoubiquitination of histone H2B at 'Lys-120' to form H2BK120ub1. H2BK120ub1 gives a specific tag for epigenetic transcriptional activation, elongation by RNA polymerase II, telomeric silencing, and is also a prerequisite for H3K4me and H3K79me formation. In vitro catalyzes 'Lys-11', as well as 'Lys-48'-linked polyubiquitination. Required for postreplication repair of UV-damaged DNA. |
| Pathway | Protein modification; protein ubiquitination. |
| Sequence similarities | Belongs to the ubiquitin-conjugating enzyme family. |

Images



SDS-PAGE analysis of ab207955 (5 µg), Coomassie-stained.

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