

## Recombinant Human USP24 cell lysate

**Cat. No.** USP24-1894HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>    | Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP24 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]). |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                          |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                      |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | USP24 ubiquitin specific peptidase 24 [ Homo sapiens ]                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | USP24                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | USP24; ubiquitin specific peptidase 24; ubiquitin specific protease 24; ubiquitin carboxyl-terminal hydrolase 24; KIAA1057; ubiquitin thioesterase 24; deubiquitinating enzyme 24; ubiquitin thiolesterase 24; ubiquitin-specific processing protease 24; ubiquitin-specific-processing protease 24; FLJ31309; |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|----------------------------|--------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 23358                                                                                            |
| <b>mRNA Refseq</b>         | NM_015306                                                                                        |
| <b>Protein Refseq</b>      | NP_056121                                                                                        |
| <b>MIM</b>                 | 610569                                                                                           |
| <b>UniProt ID</b>          | Q9UPU5                                                                                           |
| <b>Chromosome Location</b> | 1p32.3                                                                                           |
| <b>Function</b>            | binding; cysteine-type peptidase activity; peptidase activity; ubiquitin thiolesterase activity; |

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