

## Recombinant Human USP22 Protein (V2-E525), Tag Free

Cat. No. USP22-0535H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Product Overview | Recombinant Human GG-USP22(V2-E525 end) Protein was expressed in Insect cell.                                                                                                                                                                                                                                                                                                                       |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                               |
| Source           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                        |
| ProteinLength    | V2-E525                                                                                                                                                                                                                                                                                                                                                                                             |
| Description      | Histone deubiquitinating component of the transcription regulatory histone acetylation (HAT) complex SAGA. Catalyzes the deubiquitination of both histones H2A and H2B, thereby acting as a coactivator. Recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor-mediated transactivation and cell cycle progression. |
| Form             | Liquid                                                                                                                                                                                                                                                                                                                                                                                              |
| Endotoxin        | < 0.01 EU per µg of the protein                                                                                                                                                                                                                                                                                                                                                                     |
| Purity           | 90%                                                                                                                                                                                                                                                                                                                                                                                                 |
| Stability        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.                                                                                                                                                                                                                                                                                                           |
| Storage          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                 |

 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

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| <b>Storage Buffer</b> | Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol |
|-----------------------|-----------------------------------------------------------------------|

|                 |                                  |
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| <b>Shipping</b> | It is shipped out with blue ice. |
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## GENE INFORMATION

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| <b>Gene Name</b> | USP22 ubiquitin specific peptidase 22 [ Homo sapiens (human) ] |
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| <b>Official Symbol</b> | USP22 |
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| <b>Synonyms</b> | USP22; ubiquitin specific peptidase 22; ubiquitin specific peptidase 3 like, ubiquitin specific protease 22, USP3L; ubiquitin carboxyl-terminal hydrolase 22; KIAA1063; ubiquitin thioesterase 22; deubiquitinating enzyme 22; ubiquitin thiolesterase 22; ubiquitin specific protease 22; ubiquitin-specific processing protease 22; ubiquitin-specific-processing protease 22; USP3L; |
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| <b>Gene ID</b> | 23326 |
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| <b>mRNA Refseq</b> | NM_015276 |
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| <b>Protein Refseq</b> | NP_056091 |
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| <b>MIM</b> | 612116 |
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| <b>UniProt ID</b> | Q9UPT9 |
|-------------------|--------|

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