

Recombinant Human USP24 protein, GST-tagged

Cat. No. USP24-252H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human USP24(1 a.a. - 309 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ. |
| Species | Human |
| Source | Wheat Germ |
| ProteinLength | 1-309 a.a. |
| Description | 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]). |
| Form | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Molecular Mass | 59.73 kDa |
| AA Sequence | MISFLLGASRQNNQIRRWSSAQAREFGNLHNTVALLVLHSDVSSQRNVAPGIFKQR PPISIAPSSPLLPLHEEVE ALLFMSEGKPYLLEVMFALRELTGSELLALIEMVVYCCFCN EHFSFTMLHFIKNQLETAPPHELKNTFQLLHEILV IEDPIQVERVKVFVETENGLLALM HHSNHVDSSRCYQCVKFLVTLAQKCPAAKEYFKENSHHWSWAVQWLQKKMS EHY WTPQSNVSNETSTGKTFQRTISAQDTLAYATALLNEKEQSGSSNGSESSPANENGD RHLQQGSESPMMIGEL RSDLDDVDP |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

| | |
|----------------------------|--|
| Applications | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| GENE INFORMATION | |
| Gene Name | USP24 ubiquitin specific peptidase 24 [Homo sapiens] |
| Official Symbol | USP24 |
| Synonyms | 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; |
| Gene ID | 23358 |
| mRNA Refseq | NM_015306 |
| Protein Refseq | NP_056121 |
| MIM | 610569 |
| UniProt ID | Q9UPU5 |
| Chromosome Location | 1p32.3 |
| Function | binding; cysteine-type peptidase activity; peptidase activity; ubiquitin thiolesterase |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



activity;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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