

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 ALLFMSEGKPYLLEVMFALRELTGSLLALIEMVVYCCFCN EHFSFTMLHFIKNQLETAPPHELKNTFQLLHEILV IEDPIQVERVKVFETENGLLALM 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

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activity;

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