

Recombinant Human USP40 overexpression lysate, Myc/DDK-tagged

Cat. No. USP40-1001HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Transient overexpression lysate of ubiquitin specific peptidase 40 (USP40) with a C-Myc/DDK tag was expressed in HEK293T.

HEK293T cells in 10-cm dishes were transiently transfected with cDNA plasmid.

Transfected cells were cultured for 48 hrs before collection. The cells were lysed in modified RIPA buffer (25 mM Tris-HCl pH 7.6, 150 mM NaCl, 1% NP-40, 1 mM EDTA, 1 x Proteinase inhibitor cocktail mix, 1 mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. Cell lysates were aliquoted and stored at -20 centigrade before shipping.

Components:

1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer

1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer

1 vial of 250 µL 2 x SDS Sample Buffer (4% SDS, 125 mM Tris-HCl pH 6.8, 10% Glycerol, 0.002% Bromphenol blue, 100 mM DTT)

Species

Human

Source

HEK293

Description

Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP40 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes.

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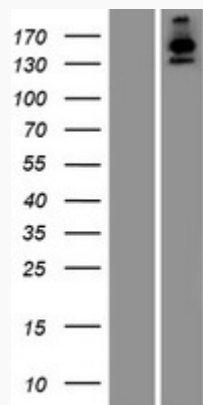
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Molecular Mass	141.4 kDa
Storage	Upon receiving, store the sample at -80 centigrade. Also after dilution, the protein sample should be aliquoted and stored at -80 centigrade for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2 x SDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80 centigrade.
Shipping	Dry ice
GENE INFORMATION	
Gene Name	USP40 ubiquitin specific peptidase 40 [Homo sapiens (human)]
Official Symbol	USP40
Synonyms	USP40; ubiquitin specific peptidase 40; ubiquitin carboxyl-terminal hydrolase 40; deubiquitinating enzyme 40; ubiquitin specific protease 40; ubiquitin thioesterase 40; ubiquitin thiolesterase 40; ubiquitin-specific-processing protease 40; EC 3.4.19.12
Gene ID	55230
mRNA Refseq	NM_018218
Protein Refseq	NP_060688
MIM	610570
UniProt ID	Q9NVE5

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