

Recombinant Full Length Human USP37 Protein, C-Flag-tagged

Cat. No. USP37-615HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human USP37 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables cysteine-type endopeptidase activity; protein kinase binding activity; and thiol-dependent deubiquitinase. Involved in G1/S transition of mitotic cell cycle; protein deubiquitination; and regulation of DNA replication. Located in nucleus.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	110 kDa
AA Sequence	MSPLKIHGPIRIRSMQTGITKWKEGSFEIVEKENKVSLVVHYNTGGIPRIFQLSHNIKN VVLRLPSGAKQS RLMLTLQDNSFLSIDKVPSKDAEEMRLFLDAVHQNRLPAAMKPSQ GSGSFGAILGSRTSQKETSRQLSYS DNQASAKRGSLETKDDIPFRKVLGNPGRGSI KTVAGSGIARTIPSLTSTSTPLRSGLLNRTKRMIS TGSELNEDYPKENDSSSN NKAMTDP SRKYLTSSREKQLSLKQSEENRTSGLLPLQSSSFYGSRAGSKEHS SGG TNLDRTNVSSQTPSAKRSLGFLPQPVPLSVKKLR CNQDYTGWNKPRVPLSSHQQQ QLQGFSNLGNTC YMNAILQSLFSLQSFANDLLKQGIPWKKIPLNALIRRFHLLVKKD ICNSETKKDLLKKVKNAISATAER FSGYMQNDAHEFLSQCLDQLKEDMEKLNKTKW TEPVSGEENSPDISATRAYTCPVITNLEFEVQHSICK ACGEIIPKREQFNDLSIDLPR

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RKKPLPPRSIQDSLDFFRAGEELEYSCCKGKCALVRHKFNRLPRVLI LHLKRYSF
 NVALSLNNKIGQQVIIPRYLTLSSHCTENTKPPFTLGWSAHMAISRPLKASQMVNSCI
 TSPS TPSKKFTFKSKSSLALCLDSDSEDELKRSVALSQRLCEMLGNEQQQEDLEKD
 SKLCPIEPDKSELENSGF DRMSEEELLAAVLEISKRDASPSLSHEDDDKPTSSPDTG
 FAEDDIQEMPENPDTEMETEKPKTITELDPAS FTEITKDCDENKENKTPEGSQGEVD
 WLQQYDMEREREEQELQQALAQSLQEQAWEQKEDDDLKRATELS LQEFNNSFV
 DALGSDSDSGNEDVFDMEYTEAEAEELKRNAETGNLPHSYRLISVVSIGSTSSSGH
 YISD VYDIKKQAWFTYNDLEVSKIQEAAVQSDRDRSGYIFFYMHKEIFDELLETEKNS
 QSLSTEVGKTTRQASTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Protease
Full Length	Full L.

GENE INFORMATION

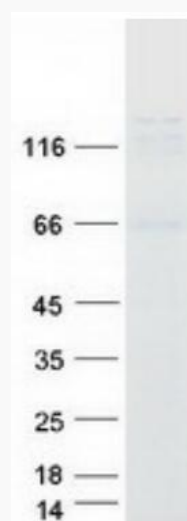
Gene Name	USP37 ubiquitin specific peptidase 37 [Homo sapiens (human)]
Official Symbol	USP37

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Synonyms	KIAA1594; MGC117261
Gene ID	57695
mRNA Refseq	NM_020935.3
Protein Refseq	NP_065986.3
UniProt ID	Q86T82



Coomassie blue staining of purified USP37 protein.

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