

Product datasheet for **TP310554**

USP21 (NM_012475) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 21 (USP21), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210554 representing NM_012475 Red =Cloning site Green =Tags(s)

MPQASEHRLGRTREPPVNIQPRVGSKLFPAPRARSKERRNPGSGPNMLRPLPPRGLPDERLKKLELGR
GRTSGPRPRGPLRADHGVPLPGSPPTVALPLPSRTNLARSKSVSSGDLRPMGIALGGHRGTGELGAALS
RLALRPEPPTLRRSTLRRLLGGFPGPPTLFSIRTEPPASHGFSHMISARSSEPFYSDDKMAHHTLLLGS
HVGLRNLGNTCFLNAVLQCLSSTRPLRDFCLRRDFRQEVPGGGRAQELTEAFADVIGALWHPDSCEAVNP
TRFRAVFQKYVPSFSGYSQQDAQEFLKLLMERLHLEINRRGRRAPPILANGPVPSPRRGGALLEEPELS
DDDANLMMWKRYLEREDSKIVDLFVGQLKSKLKCQACGYRSTTFEVFCDLSLPIPKKGFAGGKVSRLRDCF
NLFTKEEELESENAPVCDRCRQKTRSTKCLTVQRFRILVHLNRFASRGSIKSSVGVDFPLQRLSLG
DFASDKAGSPVYQLYALCNHSGSVHYGHYALCRCQTGWHVYNDRSVSPVSENQVASSEGVYLFYQLMQE
PPRCL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	62.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036607](#)

Locus ID: 27005

UniProt ID: [Q9UK80](#)

RefSeq Size: 2217

Cytogenetics: 1q23.3

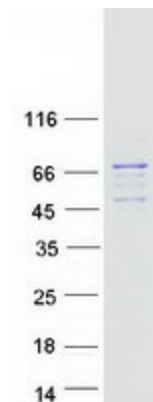
RefSeq ORF: 1695

Synonyms: USP16; USP23

Summary: This gene encodes a member of the C19 peptidase family, also known as family 2 of ubiquitin carboxy-terminal hydrolases. The encoded protein cleaves ubiquitin from ubiquitinated proteins for recycling in intracellular protein degradation. The encoded protein is also able to release NEDD8, a ubiquitin-like protein, from NEDD8-conjugated proteins. This gene has been referred to as USP16 and USP23 but is now known as USP21. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Protein Families: Druggable Genome, Protease

Product images:



Coomassie blue staining of purified USP21 protein (Cat# TP310554). The protein was produced from HEK293T cells transfected with USP21 cDNA clone (Cat# [RC210554]) using MegaTran 2.0 (Cat# [TT210002]).