

Product datasheet for TP323740L

OriGene Technologies, Inc.

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USP44 (NM_001042403) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ubiquitin specific peptidase 44 (USP44), transcript variant 2, 1

mg

Species: Human Expression Host: HEK293T

Expression cDNA Clone >RC223740 representing NM 001042403

or AA Sequence: Red=Cloning site Green=Tags(s)

MLAMDTCKHVGQLQLAQDHSSLNPQKWHCVDCNTTESIWACLSCSHVACGRYIEEHALKHFQESSHPVAL EVNEMYVFCYLCDDYVLNDNATGDLKLLRRTLSAIKSQNYHCTTRSGRFLRSMGTGDDSYFLHDGAQSLL QSEDQLYTALWHRRRILMGKIFRTWFEQSPIGRKKQEEPFQEKIVVKREVKKRRQELEYQVKAELESMPP RKSLRLQGLAQSTIIEIVSVQVPAQTPASPAKDKVLSTSENEISQKVSDSSVKRRPIVTPGVTGLRNLGN TCYMNSVLQVLSHLLIFRQCFLKLDLNQWLAMTASEKTRSCKHPPVTDTVVYQMNECQEKDTGFVCSRQS SLSSGLSGGASKGRKMELIQPKEPTSQYISLCHELHTLFQVMWSGKWALVSPFAMLHSVWRLIPAFRGYA QQDAQEFLCELLDKIQRELETTGTSLPALIPTSQRKLIKQVLNVVNNIFHGQLLSQVTCLACDNKSNTIE PFWDLSLEFPERYQCSGKDIASQPCLVTEMLAKFTETEALEGKIYVCDQCNSKRRRFSSKPVVLTEAQKQ LMICHLPQVLRLHLKRFRWSGRNNREKIGVHVGFEEILNMEPYCCRETLKSLRPECFIYDLSAVVMHHGK GFGSGHYTAYCYNSEGGFWVHCNDSKLSMCTMDEVCKAQAYILFYTQRVTENGHSKLLPPELLLGSQHPN

EDADTSSNEILS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 81 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.



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Storage: Store at -80°C.

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 001035862

Locus ID: 84101

UniProt ID: Q9H0E7, A0A024RBD7

RefSeq Size: 3334 Cytogenetics: 12q22 RefSeq ORF: 2136

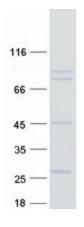
Summary: The protein encoded by this gene is a protease that functions as a deubiquitinating enzyme.

The encoded protein is thought to help regulate the spindle assembly checkpoint by preventing early anaphase onset. This protein specifically deubiquitinates CDC20, which stabilizes the

anaphase promoting complex/cyclosome. [provided by RefSeq, Dec 2016]

Protein Families: Druggable Genome, Protease

Product images:



Coomassie blue staining of purified USP44 protein (Cat# [TP323740]). The protein was produced from HEK293T cells transfected with USP44 cDNA clone (Cat# [RC223740]) using MegaTran 2.0 (Cat# [TT210002]).