

## Product datasheet for TP323740L

### 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 or AA Sequence:	>RC223740 representing NM_001042403 Red=Cloning site Green=Tags(s)

MLAMDTCKHVGQLQLAQDHSNLPQKWHCVDCNTTESIWACLSCSHVACGRYIEEHALKHFQESSHPVAL  
EVNEMYVFCYLCDDYVLNDNATGDLKLLRRTLSAIKSQNYHCTTRSGRFLRSMGTGDDSYFLHDGAQSLL  
QSEDQLYTALWHRRLMGKIFRTWFEQSPIGRKKQEPPFQEKIVVKREVKKRRQELEYQVKAELSMPP  
RKSRLRLQGLAQSTIIEIVSVQVPAQTPASPAKDKVLSTSENEISQKVSDDSSVKRRPIVTPGVTGLRNLGN  
TCYMNSVLQVLSHLLIFRQCFLKLDLNQWLAMTASEKTRSKHPPVTDTVVYQMNECQEKDTGFVCSRQS  
SLSSGLSGGASKGRKMELIQPKEPTSQYISLCHLHTLFQVMWSGKVALVSPFAMLHVSVWRLIPAFRGYA  
QQDAQEFLCELLDKIQRELETTGTSPLALPTSQRKLIKQVLNVVNNIFHGQLLSQVTCLACDNKSNTIE  
PFWDLSEFFPERYQCSGKDIASQPCLVTEMLAKFTETEALLEGKIYVCDQCNSKRRRFSSKPVVLTEAQKQ  
LMICHLPQVLRHLKFRFRWSGRNNREKIGVHVGFEIILNMEPYCCRETLKSLRPECFIYDLSAVMMHHGK  
GFGSGHYTAYCYNSEGGFWVHCNDSKLSMCTMDEVCKAQAYILFYTQRTENGHSKLLPPELLLSQHPN  
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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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001035862</a>
<b>Locus ID:</b>	84101
<b>UniProt ID:</b>	<a href="#">Q9H0E7</a> , <a href="#">A0A024RBD7</a>
<b>RefSeq Size:</b>	3334
<b>Cytogenetics:</b>	12q22
<b>RefSeq ORF:</b>	2136
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).