

Product datasheet for PH323740

USP44 (NM_001042403) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	USP44 MS Standard C13 and N15-labeled recombinant protein (NP_001035862)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223740
Predicted MW:	81 kDa
Protein Sequence:	>RC223740 representing NM_001042403 Red=Cloning site Green=Tags(s)

MLAMDTCKHVGQLQLAQDHSSLNPQKWHCVDCNTTESIWACLSCSHVACGRYIEEHALKHFQESSHPVAL
EVNEMYVFCYLCDDYVLNDNATGDLKLLRRTLSAIKSQNYHCTTRSGRFLRSMGTGDDSYFLHDGAQSLL
QSEDQLYTALWHRRRILMGKIFRTWFEQSPIGRKKQEEPFQEKIVVKREVKKRRQELEYQVKAELSMPP
RKSLRLQGLAQSTIIIEIVSVQVPAQTPASPAKDKVLSTSENEISQKVSDDSSVKRRPIVTPGVTGLRNLGN
TCYMNSVLQVLSHLLIFRQCFLKLDLNQWLAMTASEKTRSCKHPPVTDTVVYQMNECQEKDTGFVCSRQS
SLSSGLSGGASKGRKMELIQPKEPTSQYISLCHLHFLQVMWSGKVALVSPFAMLSVWRLIPAFRGYA
QQDAQEFLCELLDKIQRELETTGTSPLALIPTSQRKLIKQVLNVVNNIFHGQLLSQVTCLACDNKSNTIE
PFWDLSEFFPERYQCSGKDIASQPCLVTEMLAKFTETEALGKIYVCDQCNSKRRRFSKPVVLTEAQKQ
LMICHLPQVLRHLKFRFRWGRNNREKIGVHVGFEEILNMEPYCCRETLKSLRPECFIYDL SAVVMHHGK
GFGSGHYTAYCYNSEGGFWVHCNDSKLSMCTMDEVCKAQAYILFYTQRTENGHKKLLPPELLLSQHPN
EDADTSSNEILS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001035862



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RefSeq Size: 3334
RefSeq ORF: 2136
Locus ID: 84101
UniProt ID: [Q9H0E7](#), [A0A024RBD7](#)
Cytogenetics: 12q22

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]).