

AR51373PU-N

Human USP46 (1-366, His-tag) - Purified

Alternate names:	Deubiquitinating enzyme 46, Ubiquitin carboxyl-terminal hydrolase 46, Ubiquitin thioesterase 46, Ubiquitin-specific-processing protease 46
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by BRADFORD assay)
Background:	Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP46 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes.
Uniprot ID:	P62068
NCBI:	NP_073743
GeneID:	64854
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human USP46 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMTVRNIA SICNMGTNAS ALEKDIGPEQ FPINEHYFGL VNFNTCYCN SVLQALYFCR PFRENVLAYK AQQKKKENLL TCLADLFHSI ATQKKKVGVI PPKKFISRLR KENDLFDNYM QQDAHEFLNY LLNTIADILQ EEKKQEKQNG KLKNGNMNEP AENNKPELTW VHEIFQGTLT NETRCLNCET VSSKDEDFLD LSVDVEQNTS ITHCLRDFSN TETLCSEQKY YCETCCSKQE AQKRMVKKL PMILALHLKR FKYMEQLHRY TKLSYRVVFP LELRLFNTSS DAVNLDRMYD LVAVVVHCGS GPNRGHYITI VKSHGFWLLF DDDIVEKIDA QAIEEFYGLT SDISKNSESG YILFYQSRE Molecular weight: 44.8 kDa (389aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Fukuo,Y., et al. (2011) J Affect Disord 133 (1-2), 150-157 Zhang,W., et al. (2011) PLoS ONE 6 (10), E26297

Pictures:

