

Product datasheet for **AR51373PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	USP46 (1-366, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMTVRNIA SICNMGTNAS ALEKDIGPEQ FPINEHYFGL VNFNGNTCYCN SVLQALYFCR PFRENVLAYK AQQKKKENLL TCLADLFHSI ATQKKKVGVI PPKKFISRLR KENDLFDNYM QQDAHEFLNY LLNTIADILQ EEKKQEQNG KLKNGNMNEP AENNKPELTW VHEIFQGTLT NETRCLNCET VSSKDEDFLD LSV DVEQNTS ITHCLRDFSN TETLCSEQKY YCETCCSKQE AQRMRVKKL PMILALHLKR FKYMEQLHRY TKLSYRVVFP LELRLFNTSS DAVNLDRMYD LVAVVHCGS GPNRGHYITI VKSHGFWLLF DDDIVEKIDA QAIEEFYGLT SDISKNESEG YILFYQSRE
Tag:	His-tag
Predicted MW:	44.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human USP46 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001127695
Locus ID:	64854
UniProt ID:	P62068



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Cytogenetics: 4q12

Summary: 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 (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM, Jun 2009]

Protein Families: Druggable Genome, Protease

Product images:

