

Product datasheet for **AR51061PU-N**

USP15 (1-235, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	USP15 (1-235, His-tag) human protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SGLVPRGSH MGSMAEGGAA DLDTQRS DIA TLLKTS LRKG DTWYLVD SRW FKQWK KYVGF DSWDKY QMGD QNVYPG PIDN SGLLKD GDAQ SLKEHLIDEL DYILLPTEGW NKLVS WY TLM EGQEPIARKV VEQGMFVKHC KVEVYLTELK LCENGNMNNV VTRRF SKADT IDTIEKEIRK IFSIPDEKET RLWNKYMSNT FEPLNKPDST IQDAGLYQGQ VL
Tag:	His-tag
Predicted MW:	29.5 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
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_001239007
Locus ID:	9958
UniProt ID:	Q9Y4E8
Cytogenetics:	12q14.1
Synonyms:	UNPH-2; UNPH4



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Summary:

This gene encodes a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. [provided by RefSeq, Nov 2011]

Protein Families:

Druggable Genome, Protease

Product images: