

Product datasheet for **AR50745PU-S**

USP14 (1-494, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	USP14 (1-494, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPLYSVT VKWGKEKFEG VELNTDEPPM VFKAQLFALT GVQPARQKVM VKGGTLKDDD WGNIKIKNGM TLLMMGSADA LPEEPSAKTV FVEDMTEEQL ASAMELPCGL TNLGNTCYMN ATVQCIRSVP ELKDALKRYA GALRASGEMA SAQYITAALR DLFDSMDKTS SSIPPIILLQ FLHMAFPQFA EKGEQGQYLQ QDANECWIQM MRVLQQKLEA IEDDSVKETD SSSASAATPS KKKSLIDQFF GVEFETTMKC TESEEEVTK GKENQLQLSC FINQEVKYL TGLKLRLEEE ITKQSPTLQR NALYIKSSKI SRLPAYLIQ MVRFFYKEKE SVNAKVLKDV KFPLMLDMYE LCTPELQEKM VFSRSKFKDL EDKKNQQPN TSDKKSSPQK EVKYEPFSA DDIGSNNGCY YDLQAVLTHQ GRSSSSGHYV SWVKRKQDEW IKFDDDKVSI VTPEDILRLS GGGDWHIAYV LLYGPRRVEI MEESEQ
Tag:	His-tag
Predicted MW:	58.5 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 0.2M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human USP14 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:	<u>NP_001032411</u>
Locus ID:	9097



[View online »](#)

UniProt ID: [P54578](#)

Cytogenetics: 18p11.32

Synonyms: TGT

Summary: This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitylated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Product images:

