

Product datasheet for **AR50843PU-S**

YOD1 (1-348, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	YOD1 (1-348, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMFGPAKG RHFGVHPAPG FPGGVSQQA A GTKAGPAGAW PVGSRTDTMW RLRCKAKDGT HVLQGLSSRT RVRELQGQIA AITGIAPGGQ RILVGPPEC LDLSNGDTIL EDLPIQSGDM LIIEDQTRP RSSPAFTKRG ASSYVRETLV VLTRTVVPAD NSCLFTSVYY VVEGGVLNPA CAPEMRRLIA QIVASDPDFY SEAILGKTNQ EYCDWIKRDD TWGGAIEISI LSKFYQCEIC VVDTQTVRID RFGEDAGYTK RVLLIYDGIH YDPLQRNFPD PDTPLTIFS SNDDIVLVQA LELADEARRR RQFTDVNRFT LRCMVCQKGL TGQAEAREHA KETGHTNFGV V
Tag:	His-tag
Predicted MW:	40.7 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, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human YOD1 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_001263249
Locus ID:	55432
UniProt ID:	Q5VVQ6
Cytogenetics:	1q32.1



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Synonyms: DUBA8; OTUD2; PRO0907

Summary: Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. The protein encoded by this gene belongs to a DUB subfamily characterized by an ovarian tumor (OTU) domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]

Protein Pathways: Biosynthesis of unsaturated fatty acids, Limonene and pinene degradation

Product images:

