

Product datasheet for **AR09235PU-L**

Otubain-1 (OTUB1) (1-271, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Otubain-1 (OTUB1) (1-271, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MAAEEPQQK QEPLGSDSEG VNCLAYDEAI MAQQDRIQQE IAVQNPLVSE RLELSVLYKE YAEDDNIYQQ KIKDLHKKYS YIRKTRPDGN CFYRAFGFSH LEALLDDSKE LQRFKAVSAK SKEDLVSQGF TEFTIEDFHN TFMDLIEQVE KQTSVADLLA SFNDQSTSDY LVVYLRLLTS GYLQRESKFF EHFIEGGRTV KEFCQQVEP MCKESDHIHI IALAQALSVS IQVEYMDRGE GGTTNPHIFP EGSEPKVYLL YRPGHYDILY K
Tag:	His-tag
Predicted MW:	33.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant OTUB1 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_060140</u>
Locus ID:	55611
UniProt ID:	<u>Q96FW1</u> , <u>B3KUV5</u>
Cytogenetics:	11q13.1
Synonyms:	HSPC263; OTB1; OTU1



[View online »](#)

Summary:

The product of this gene is a member of the OTU (ovarian tumor) superfamily of predicted cysteine proteases. The encoded protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrates. It interacts with another ubiquitin protease and an E3 ubiquitin ligase that inhibits cytokine gene transcription in the immune system. It is proposed to function in specific ubiquitin-dependent pathways, possibly by providing an editing function for polyubiquitin chain growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Protein Families:

Protease

Product images: