

# Product datasheet for AR51321PU-N

### Cathepsin W (22-376, His-tag) Human Protein

#### **Product data:**

#### OriGene Technologies, Inc.

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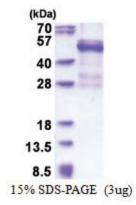
Product Type:	Recombinant Proteins
Description:	Cathepsin W (22-376, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSIRGPLRA QDLGPQPLEL KEAFKLFQIQ FNRSYLSPEE HAHRLDIFAH NLAQAQRLQE EDLGTAEFGV TPFSDLTEEE FGQLYGYRRA AGGVPSMGRE IRSEEPEESV PFSCDWRKVA GAISPIKDQK NCNCCWAMAA AGNIETLWRI SFWDFVDVSV QELLDCGRCG DGCHGGFVWD AFITVLNNSG LASEKDYPFQ GKVRAHRCHP KKYQKVAWIQ DFIMLQNNEH RIAQYLATYG PITVTINMKP LQLYRKGVIK ATPTTCDPQL VDHSVLLVGF GSVKSEEGIW AETVSSQSQP QPPHPTPYWI LKNSWGAQWG EKGYFRLHRG SNTCGITKFP LTARVQKPDM KPRVSCPP
Tag:	His-tag
Predicted MW:	42 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CTSW protein, fused to His-tag at N-terminus, was expressed in E.coli.
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 001326</u>
Locus ID:	1521
UniProt ID:	<u>P56202</u>
Cytogenetics:	11q13.1
Synonyms:	LYPN



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	Cathepsin W (22-376, His-tag) Human Protein – AR51321PU-N
Summary:	The protein encoded by this gene, a member of the peptidase C1 family, is a cysteine proteinase that may have a specific function in the mechanism or regulation of T-cell cytolytic activity. The encoded protein is found associated with the membrane inside the endoplasmic reticulum of natural killer and cytotoxic T-cells. Expression of this gene is up-regulated by interleukin-2. [provided by RefSeq, Jul 2008]
Protein Families	: Druggable Genome, Protease
Protein Pathwa	<b>/s:</b> Lysosome

## Product images:



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