

Product datasheet for **AR51321PU-N**

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

Product data:

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 NLAQAQLRQE EDLGTAEFGV TPFSDLTEEE FGQLYGYRRA AGGVPSMGRE IRSEEPESV PFSCDWRKVA GAISPIKDQK NCNCWAMAA AGNIETLWRI SFWDFVDVSV QELLDGCRGC DGCHGGFVWD AFITVLNNSG LASEKDYPFQ GKVRAHRCHP KKYQKVAWIQ DFIMLQNEH RIAQYLATYG PITVTINMKP LQLYRKGVK ATPTTCDPQL VDHSVLLVGF GSVKSEGIW AETVSSQSQP QPPHPTPYWI LKNSWGAQWG EKGYFRLHRG SNTCGITKFP LTARVQKPD M 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:	NP_001326
Locus ID:	1521
UniProt ID:	P56202
Cytogenetics:	11q13.1
Synonyms:	LYPN



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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 Pathways:

Lysosome

Product images: