

## Product datasheet for **TP721074M**

### Ctsd (NM\_009983) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cathepsin D (Ctsd)
Species:	Mouse
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ile21-Leu410
Tag:	C-His
Predicted MW:	43.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_034113</a>
Locus ID:	13033
UniProt ID:	<a href="#">P18242</a> , <a href="#">Q3UCD9</a>
RefSeq Size:	1979
Cytogenetics:	7 F5
RefSeq ORF:	1230
Synonyms:	CatD; CD



[View online »](#)

**Summary:**

Acid protease active in intracellular protein breakdown. Plays a role in APP processing following cleavage and activation by ADAM30 which leads to APP degradation.  
[UniProtKB/Swiss-Prot Function]