

Product datasheet for **TP721074XL**

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 ₂ 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: | NP_034113 |
| Locus ID: | 13033 |
| UniProt ID: | P18242 , Q3UCD9 |
| 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]