

Product datasheet for **TP720386L**

Cathepsin V (CTSV) (NM_001333) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human cathepsin L2 (CTSL2) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | Val18-Val334 |
| Tag: | C-His |
| Predicted MW: | 36.7 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: | < 0.1 EU per µg protein as determined by LAL test |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 3 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_001324 |
| Locus ID: | 1515 |
| UniProt ID: | O60911 , A0A024R141 |
| Cytogenetics: | 9q22.33 |
| Synonyms: | CATL2; CTSL2; CTSU |
| Summary: | The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2011] |
| Protein Families: | Druggable Genome, Protease |



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Protein Pathways: Lysosome

Product images:

