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## Product Datasheet

### Human Cathepsin V protein, His tag, Unconjugated GTX00171-PRO

|                            |   |
|----------------------------|---|
| Article Name               | Human Cathepsin V protein, His tag, Unconjugated  |
| Biozol Catalog Number      | GTX00171-PRO  |
| Supplier Catalog Number    | GTX00171-pro  |
| Alternative Catalog Number | GTX00171-PRO-10   |
| Manufacturer               | GeneTex   |
| Category                   | Proteine/Peptide  |
| Application                | FA  |
| Species Reactivity         | Human   |
| Conjugation                | Unconjugated  |
| NCBI                       | <a href="#">1515</a>  |
| UniProt                    | <a href="#">O60911</a>  |
| Buffer                     | Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose, ProClin 300. |
| Expression System          | E. coli   |
| Form                       | Lyophilized powder  |
| Sequence                   | N-terminal His-Tag, Gly64~Val334 (NP_001188504.1)   |

Application Notes

Cathepsin V (CTSV) is a lysosomal cysteine proteinase which belongs to peptidase C1 family. It is expressed in normal human thymus, testis and corneal epithelium. Cathepsin V plays an important role in corneal physiology and mediates degradation of invar