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Product Datasheet

Recombinant Human CST3 (Mammalian) EBT-EPT072

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| Article Name | Recombinant Human CST3 (Mammalian) |
| Biozol Catalog Number | EBT-EPT072 |
| Supplier Catalog Number | EPT072 |
| Alternative Catalog Number | EBT-EPT072-10 |
| Manufacturer | ELK Biotechnology |
| Category | Proteine/Peptide |
| Product Description | Recombinant Human Cystatin C is produced by our Mammalian expression system and the target gene encoding Ser27-Ala146 is expressed.... |
| Molecular Weight | Molecular weight: 13.3 KDa. Apparent molecular weight: 15 KDa, reducing conditions |
| UniProt | P01034 |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Cystatin C is a member of family 2 of the cystatin superfamily. It is ubiquitous in human tissues and body fluids and mainly used as a biomarker of kidney function. Cystatin C inhibits many cysteine proteases such as papain and Cathepsins B, H, K, L and S. As an inhibitor of cysteine proteinases, Cystatin C is thought to serve an important physiological role as a local regulator of this enzyme activity. Recently, it has been studied for its role in predicting new-onset or deteriorating cardiovascular disease. It also seems to play a role in brain disorders involving amyloid (a specific type of protein deposition), such as Alzheimers disease