

# Recombinant Cynomolgus CTSD Protein, His-tagged

**Cat. No.** CTSD-429C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cynomolgus CTSD Protein(NP_001270485.1), fused to His-tag, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Cynomolgus                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | 0.2 µm sterile filtered PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | The predicted molecular mass is 43 kDa, and the actual MW is about 40-50 kDa in SDS-PAGE under reducing conditions.                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | LVRIPLHKFTSIRRTMSEIGGPVEDLIAKGPISKYSQAMPAVTEGPIPEVLKNYMDAQY<br>YGEIGIGTPPQCFTVVFDTGSSNLWVPSIHCKLLDIACWLHHKYNSDKSSTYVKNGT<br>SFAIHYGSGSLSGYLSQDTVSVPCKSAPSTAALGGVKVERQVFGEAIKQPGITFIAAK<br>FDGILGMAYPRISVNNVLPVFDNLMQQKLVDQNIFSFYLNRPDPTAQPGGELMLGGTD<br>SKYYRGSLSYLNVTRKAYWQVRLDQVEVASGLTLCKEGCEAIVDTGTSLMVGPVDE<br>VRELQKAIGAVPLIQGEYMIPCEKVSTLPTITLKLGGKGYKLSPEDYTLKVSQAGKTLCL<br>LSGFMGMDIPPPSGPLWILGDVFIGRYTTFDRDNNRVGFAEAARLHHHHHH |
| <b>Endotoxin</b>        | <1.0 EU per mg of the protein by the LAL method                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | ≥ 95%, by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80°C. It is recommended that the protein be                                                                                                                                                                                                                                                                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Concentration** 0.83 mg/ml

## GENE INFORMATION

**Gene Name** CTSD cathepsin D [ *Macaca fascicularis* (crab-eating macaque) ]

**Official Symbol** CTSD

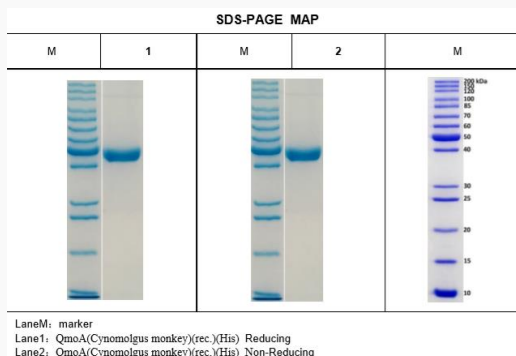
**Synonyms** CTSD

**Gene ID** 102125635

**mRNA Refseq** NM\_001283556.1

**Protein Refseq** NP\_001270485.1

### SDS-PAGE of CTSD-429C



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