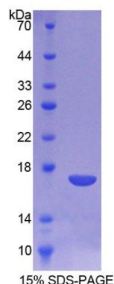


## Human Cathepsin D (CTSD) Protein

Catalogue No.: abx065812



SDS-PAGE analysis of Human Cathepsin D Protein.

Recombinant Cathepsin D (CTSD) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

**Target:** Cathepsin D (CTSD)

**Origin:** Human

**Expression:** Recombinant

**Tested Applications:** WB, SDS-PAGE

**Host:** E. coli

**Conjugation:** Unconjugated

**Form:** Lyophilized

**Activity:** Not tested

**Purity:** > 95%

**Reconstitution:** To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH<sub>2</sub>O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

**Storage:** Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P07339 ([UniProt](#), [ExPASy](#))

**KEGG:** hsa:1509

# Datasheet

Version: 2.0.0  
Revision date: 07 Oct 2025



**String:** [9606.ENSF00000236671](#)

**Molecular Weight:** Calculated MW: 16.5 kDa  
Observed MW (SDS-PAGE): 17 kDa

**Sequence Fragment:** Arg23-Gln161

**Sequence:** RIPLHKFT SIRRTMSEVG GSVEDLIAKG PVSKYSQAVP AVTEGPIPEV LKNYMDAQYY  
GEIGIGTPPQ CFTVVFDTS SNLWVPSIHC KLLDIACWIH HKYNSDKSST YVKNGTSTFI  
HYGSGSLSGY LSQDTVSVPC Q

**Tag:** N-terminal His tag

**Buffer:** Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

**Concentration:** Prior to lyophilization: 200 µg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only