

# Product Datasheet

## Cathepsin D Native Protein

### NBP1-99196

Unit Size: 0.005 mg

Store at -80C. Avoid freeze-thaw cycles.

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**NBP1-99196****Cathepsin D Native Protein**

<b>Product Information</b>	
<b>Unit Size</b>	0.005 mg
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Reconstitution Instructions</b>	Reconstitute the vial in H <sub>2</sub> O to 0.1 - 1 ug/ul. Aliquot and refreeze at -80C immediately for long-term storage.
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	Lyophilized from 2 mM sodium phosphate (pH 6.5).
<b>Product Description</b>	
<b>Description</b>	Native Cathepsin D  <b>Source:</b> <i>Human liver</i> <b>Amino Acid Sequence:</b> (P07339)
<b>Gene ID</b>	1509
<b>Gene Symbol</b>	CTSD
<b>Species</b>	Human
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity
<b>Application Notes</b>	Unit Definition: >300 units/mg protein. One unit is defined as the amount of enzyme that digests hemoglobin releasing peptides which are soluble in 10% TCA. The reaction is measured by an increase of an A280 of 1.0 per 60 minutes at 37C. Substrate: acid denatured hemoglobin (0.2% in reaction mixture). Buffer: 100 mM formate. pH 3.3. Specific activity: 365 units/mg



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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