

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

Product Information

Unit Size	0.005 mg
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute the vial in H ₂ O to 0.1 - 1 ug/ul. Aliquot and refreeze at -80C immediately for long-term storage.
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from 2 mM sodium phosphate (pH 6.5).

Product Description

Description	Native Cathepsin D Source: Human liver Amino Acid Sequence: (P07339)
Gene ID	1509
Gene Symbol	CTSD
Species	Human

Product Application Details

Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity
Application Notes	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 A ₂₈₀ 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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