

PRODUCT PROFILE

PRODUCT: Purified CHO Cathepsin L

CATALOG NUMBER: AG65-0439-01-Z

LOT NUMBER:

QUANTITY:

PHYSICAL STATE: Liquid

BUFFER: PBS, pH 7.2 with 0.2M Arginine

PRESERVATIVE: 0.09% NaN₃

STORAGE: Store at -20° to -80°C. The thawed product is stable at 2-8°C for 7 days. Following the initial thaw, prepare multiple aliquots and store at -20° to -80°C. It is not recommended to store the product in a frost-free freezer. Multiple freeze-thaw cycles are not recommended.

EXPIRATION: 12 months from shipment date.

PROCEDURE: Recombinant CHO Cathepsin L (UniProt #G3INC5) with a 6xHIS tag was expressed in and purified from CHO cells and purified by nickel affinity chromatography.

SPECIFICATIONS: The product is determined to be >95% pure based on SDS-PAGE analysis. Under reducing conditions, Cathepsin L is detected at an estimated molecular weight of 47 kDa and minor bands ~ 43, 34kDa due to autocatalytic activation. Its concentration is determined by A280 with Extinction. Coefficient value 1.998. Optimal working dilutions should be determined experimentally by the investigator.

**FOR RESEARCH AND MANUFACTURING ONLY. NOT FOR USE IN DIAGNOSTIC APPLICATIONS.
FOR IN VITRO USE ONLY. NOT FOR HUMAN OR ANIMAL CONSUMPTION.**

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