

Human Hippocampus Nuclear Lysate

Cat. No. Hippocampus Nuclear-241H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Brain: Hippocampus
Concentration	2 mg/mL or better
Tissue Type	Brain: Hippocampus
Shipping	Dry ice

Preparation method

Human brain hippocampus tissue nuclear protein lysate was prepared by isolating the nuclear protein from whole tissue homogenates using a proprietary technique. The human brain hippocampus tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The nuclear protein is provided in a buffer including HEPES (pH7.9), glycerol, NaCl, MgCl₂, EDTA, and a cocktail of protease inhibitors. For quality control purposes, the isolated brain hippocampus tissue nuclear protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated brain hippocampus tissue nuclear protein is then Western analyzed by histone antibody to confirm that the expression level is consistent with each lot.

Diagnosis	Normal
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Storage Buffer	HEPES pH 7.9, MgCl ₂ , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.
Storage Instruction	Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -70°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.
Applications	Brain: Hippocampus nuclear protein lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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