

Human Optic Nerve Tissue Lysate

Cat. No. Optic Nerve-38H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Form The human optic nerve tissue total protein is provided in a buffer including HEPES (pH7.9), MgCl₂, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors.

Concentration 3 mg/ml

Tissue Type Optic Nerve

Preparation method Human optic nerve tissue lysate was prepared by homogenization using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The human optic nerve tissue total protein is provided in a buffer including HEPES (pH7.9), MgCl₂, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the optic nerve tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The optic nerve tissue is then Western analyzed by either GAPDH or β -actin antibody, and the expression level is consistent with each lot.

Safety Testing This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV. Additional patient information may be available upon request.

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Diagnosis	Normal
Expiration Date	One half year from date of receipt
Size	0.1 mg, 0.5 mg
Storage Instruction	This lysate should be aliquoted in working amounts and may be stored for up to one month at 2-8°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. For longer term storage, freeze working aliquots at -70°C.
Applications	This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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