Human Thalamus Membrane Lysate

Cat. No. Thalamus-519H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	Human Brain: Thalamus
Concentration	2 mg/mL or better
Tissue Type	Brain: Thalamus
Shipping	Dry ice
Preparation method	Human brain thalamus tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human thalamus tissue was frozen in liquid nitrogen immediately after excision and then stored at -70?C. The membrane protein is provided in a buffer including HEPES (pH 7.9), MgCl2, KCl, EDTA, Sucrose, Glycerol, sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the isolated brain thalamus tissue membrane protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated brain thalamus tissue membrane protein is then Western analyzed by either GAPDH or β-actin antibody to confirm there is no signal or very weak signal.
Diagnosis	Normal

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Storage Buffer	HEPES pH 7.9, MgCl2, 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: Thalamus membrane protein lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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