

Membrane Protein Certificate of Analysis

Product Name: Membrane Protein

Catalog No.: PXXXXXXX

Shipping Condition: Dry Ice

Storage Condition: For extended storage, frozen at -70°C in working aliquots. For continuous use, stored at 2 - 8°C. Repeated freezing and thawing is not recommended.

Shelf Life: Half a year from the date of receipt under proper storage condition

Description

Protein is isolated from whole tissue homogenates using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The membrane protein includes plasma membrane and all organell's membrane proteins, which can be dissolved by detergent NP-40. 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.

Quality Control

1. The isolated protein pattern on SDS-PAGE gel is visualized by coomassie blue staining, the pattern is consistent with each lot.
2. The isolated protein is Western analyzed by either GAPDH or β -actin antibody. There is no signal or very weak signal.

FOR RESEARCH USE ONLY

APPROVED BY: _____