

Human SEZ6L2 / PSK-1 Protein (His Tag)

Catalog Number: 13969-H08H



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

PSK-1; AI835913; AW121566; BSRP-A; Psk1

Protein Construction:

A DNA sequence encoding the human SEZ6L2 (AAH00567.1) (Met1-Ser736) was expressed with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Leu 28

Molecular Mass:

The recombinant human SEZ6L2 consists of 720 amino acids and predicts a molecular mass of 77.3 KDa. It migrates as an approximately 104-117 KDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

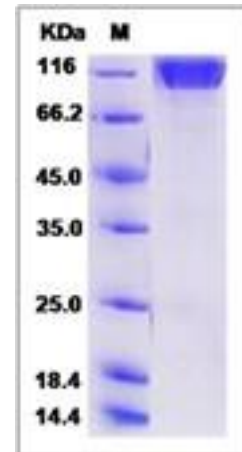
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Protein Description

SEZ6L2, also known as PSK-1, belongs to the SEZ6 family. It contains 3 CUB domains and 5 Sushi (CCP/SCR) domains. SEZ6L2 may contribute to specialized endoplasmic reticulum functions in neurons. SEZ6L2 presents on the surface of lung-cancer cells. SEZ6L2 should be a useful prognostic marker of lung cancers. Increased expression of this gene has been found in lung cancers, and the protein is therefore considered to be a novel prognostic marker for lung cancer.

References

1. Bedoyan JK. et al., 2010, Am J Med Genet A. 152A (6): 1567-74.
2. Konyukh M. et al., 2011, PLoS One. 6 (3): e17289.
3. Wang J. et al., 2011, Mol Syst Biol. 7: 536.

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