

SEZ6L2 Protein, Human, Recombinant (His & Avi), Biotinylated

General Information

Protein Construction: Leu28-Asn844

Species: Human

Expression Host: HEK293 Cells

Accession: Q6UXD5-1

Molecular Weight: 90.33 kDa (Predicted); 110-170 kDa (Reducing condition, due to glycosylation)

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it.

Purity: > 95% as determined by Bis-Tris PAGE

Endotoxin: < 1 EU/ μ g of the protein as determined by the LAL method.

Formulation: Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Seizure-related 6 homolog (mouse)-like 2 (SEZ6L2) was shown to be involved in transcription of a type 1 transmembrane protein for regulating cell fate. SEZ6L2 was significantly up-regulated in tumour tissues of patients with CRC compared with adjacent normal tissues. Up-regulation of SEZ6L2 was correlated with a poor prognosis in patients with CRC. Furthermore, SEZ6L2 expression was inversely correlated with the expression of cytochrome C in malignant tissues in patients with CRC.

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