HUMAN SEZ6L2 PROTEIN, HIS TAG

Cat.#: 11883

Product Name: Human SEZ6L2 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: BSRPA;PSK-1

Target: SEZ6L2

UNIPROT ID: Q6UXD5

Description: Recombinant Human SEZ6L2 Protein with C-terminal 6xHis tag

Background: This gene encodes a seizure-related protein that is localized on the cell surface. The gene is located in a region of chromosome 16p11.2 that is thought to contain candidate genes for autism spectrum disorders (ASD), though there is no evidence directly implicating this gene in ASD. 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. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 88.2 kDa after removal of the signal peptide. The apparent molecular mass of SEZ6L2-His is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: SEZ6L2(Leu28-Asn844) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

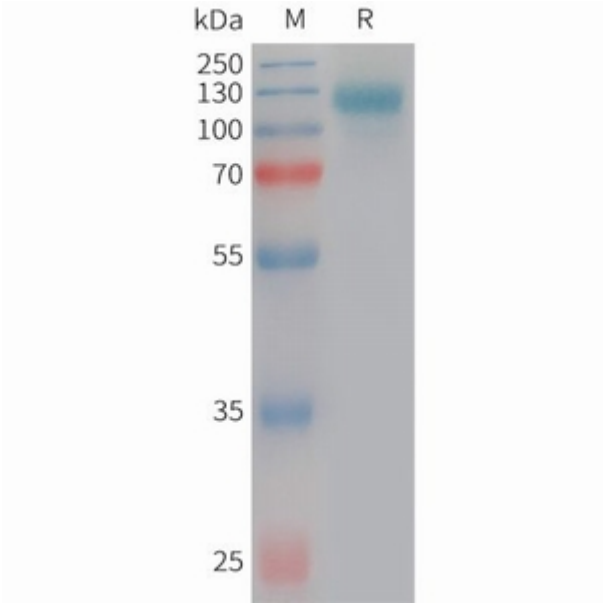

Figure 1. Human SEZ6L2 Protein, His Tag on SDS-PAGE under reducing condition.