

MOUSE SEZ6 PROTEIN, HIS TAG**Cat.#:** 12205**Product Name:** Mouse SEZ6 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** BSRPC**Target:** SEZ6**UNIPROT ID:** Q7TSK2**Description:** Recombinant mouse SEZ6 protein with C-terminal 6xHis tag**Background:** Acts upstream of or within several processes, including excitatory postsynaptic potential; nervous system development; and regulation of dendrite development. Located in several cellular components, including dendrite; neuronal cell body; and perinuclear region of cytoplasm. Is expressed in several structures, including central nervous system; genitourinary system; liver; retina; and thymus. Orthologous to human SEZ6 (seizure related 6 homolog). [provided by Alliance of Genome Resources, Apr 2022]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 98.7 kDa after removal of the signal peptide. The apparent molecular mass of mSEZ6-His is approximately 130–250 kDa due to glycosylation.**Molecular Characterization:** Mouse SEZ6(Leu20-His922) 6xHis 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.

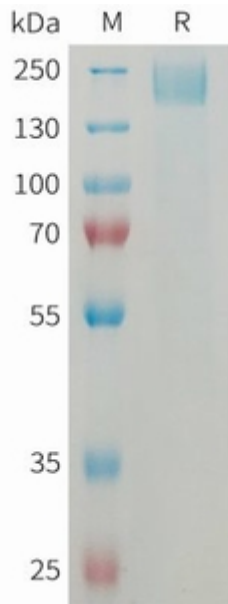


Figure 1. Mouse SEZ6 Protein, His Tag on SDS-PAGE under reducing condition.