

**HUMAN MANSC1 PROTEIN, HIS TAG**

**Cat.#:** 11932

**Product Name:** Human MANSC1 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** LOH12CR3

**Target:** MANSC1

**UNIPROT ID:** Q9H8J5

**Description:** Recombinant Human MANSC1 Protein with C-terminal 6xHis tag

**Background:** Predicted to be integral component of membrane. [provided by Alliance of Genome Resources, Apr 2022]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 39.6 kDa after removal of the signal peptide. The apparent molecular mass of MANSC1-His is approximately 70-130 kDa due to glycosylation.

**Molecular Characterization:** MANSC1(Gln27-Leu385) 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 MANSC1 Protein, His Tag on SDS-PAGE under reducing condition.