

## HUMAN SEMA4B PROTEIN, HIS TAG

**Cat.#:** 11857

**Product Name:** Human SEMA4B Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** SEMAC;SemC

**Target:** SEMA4B

**UNIPROT ID:** Q9NPR2

**Description:** Recombinant Human SEMA4B Protein with C-terminal 6xHis tag

**Background:** Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.[UniProtKB/Swiss-Prot Function]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 75.4 kDa after removal of the signal peptide. The apparent molecular mass of SEMA4B-His is approximately 70-100 kDa due to glycosylation.

**Molecular Characterization:** SEMA4B(Leu44-Lys716) 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.

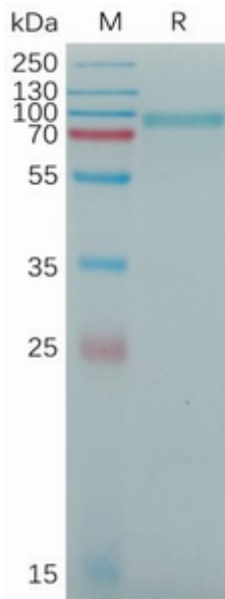


Figure 1. Human SEMA4B Protein, His Tag on SDS-PAGE under reducing condition.