

MOUSE OX40 PROTEIN, HFC TAG

Cat.#: 12167

Product Name: Mouse OX40 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: TNFRSF4;OX40;CD134;OX40L receptor;ACT35;TXGPIL

Target: OX40

UNIPROT ID: P47741

Description: Recombinant mouse OX40 protein with C-terminal human Fc tag

Background: Receptor for TNFSF4/OX40L/GP34. Is a costimulatory molecule implicated in long-term T-cell immunity (By similarity).[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 47.4 kDa after removal of the signal peptide. The apparent molecular mass of mOX40-hFc is approximately 55–70 kDa due to glycosylation.

Molecular Characterization: Mouse OX40(Val20–Pro211) hFc(Glu99–Ala330)

Purity: The purity of the protein is greater than 95% 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.

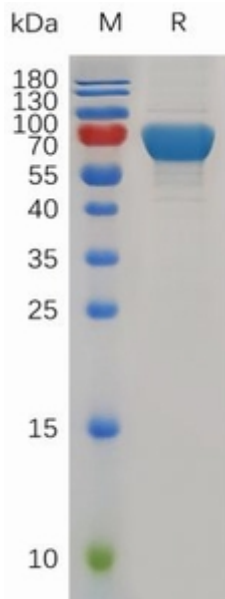


Figure 1. Mouse OX40 Protein, hFc Tag on SDS-PAGE under reducing condition.