

## HUMAN CXADR PROTEIN, HIS TAG

**Cat.#:** 11899

**Product Name:** Human CXADR Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** CAR;CAR4/6;HCAR

**Target:** CXADR

**UNIPROT ID:** P78310

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

**Background:** The protein encoded by this gene is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses. Several transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene are found on chromosomes 15, 18, and 21. [provided by RefSeq, May 2011]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 24.9 kDa after removal of the signal peptide. The apparent molecular mass of CXADR-His is approximately 25-35 kDa due to glycosylation.

**Molecular Characterization:** CXADR(Leu20-Gly237) 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. Human CXADR Protein, His Tag on SDS-PAGE under reducing condition.