

HUMAN UCHL1 PROTEIN, HFC TAG**Cat.#:** 11425**Product Name:** Human UCHL1 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** HEL-117;HEL-S-53;NDGOA;PARK5;PGP9.5;PGP9.5;PGP95;SPG79;Uch-L1**Target:** UCHL1**UNIPROT ID:** P09936**Description:** Recombinant Human UCHL1 Protein with N-terminal human Fc tag**Background:** The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.[provided by RefSeq, Sep 2009]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 50.7 kDa after removal of the signal peptide. The apparent molecular mass of hFc-UCHL1 is approximately 35-55 kDa due to glycosylation.**Molecular Characterization:** hFc(Glu99-Ala330) UCHL1(Met1-Cys220)**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.

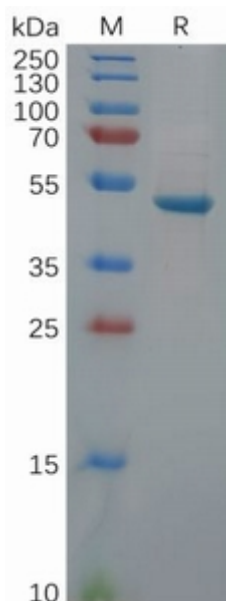


Figure 1. Human UCHL1 Protein, hFc Tag on SDS-PAGE under reducing condition.