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;PGP 9.5;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.

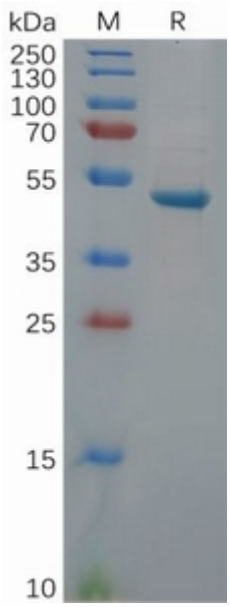

Figure 1. Human UCHL1 Protein, hFc Tag on SDS-PAGE under reducing condition.