

[Go to Product page](#)

Datasheet for ABIN7319140 UCHL1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	UCHL1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UCHL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human UCHL1/PGP9.5 Protein (His Tag)
Sequence:	Met 1-Ala223
Characteristics:	Recombinant Human Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L1 is produced by our E.coli expression system and the target gene encoding Met1-Ala223 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UCHL1
Alternative Name:	UCHL1/PGP9.5 (UCHL1 Products)
Background:	Background: Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L1 (UCHL1) belongs to the Peptidase C12 family. UCHL1 is specifically expressed in the neurons and in cells of the diffuse

Target Details

neuroendocrine system. UCHL1 is a component of the ubiquitin system, which has a fundamental role in regulating various biological activities. UCHL1 is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. UCHL1 also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer of UCHL1 may have ATP-independent ubiquitin ligase activity.

Synonym: Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L1, UCH-L1, Neuron Cytoplasmic Protein 9.5, PGP 9.5, PGP9.5, Ubiquitin Thioesterase L1, UCHL1,HEL-117,NDGOA,PARK5,Uch-L1

Molecular Weight:	25.9 kDa
-------------------	----------

UniProt:	P09936
----------	------------------------

Pathways:	Feeding Behaviour
-----------	-----------------------------------

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Frozen, Liquid
---------	----------------

Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 250 mM NaCl, 1 mM DTT, 10 % Glycerol, pH 7.5.
---------	--

Storage:	-20 °C
----------	--------

Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
------------------	--