

32-7166: Recombinant Human Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L1/UCH-L1 (C-6His)

Gene : UCHL1

Gene ID : 7345

Uniprot ID : P09936

Description

Source: E.coli.

MW :25.89kD.

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. 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 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.

Product Info

Amount : 10 µg / 50 µg

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

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : MQLKPMEINPEMLNKNVLSRLGVAGQWRFVDVLGLEEESLGSPAPACALLLLFPLTAQHENFRKK
QIEELKGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVLKQFLSETEKMSPEDRAK
CFEKNEAIQAAHDAVAQEGQCRVDDKVNHFILFNNVDGHL YELDGRMPFPVNHGASSED TLLKD
AAKVCREFTEREQGEVRFSAVALCKAALEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.