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32-7167: Recombinant Human Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L3/UCH-L3 (C-6His)

Gene : UCHL3
Gene ID : 7347
Uniprot ID : P15374

Description

Source: E.coli.
MW :27.25kD.
Recombinant Human Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L3 is produced by our E.coli expression system and the target gene encoding Met1-Ala230 is expressed with a 6His tag at the C-terminus. Ubiquitin Carboxyl-Terminal Hydrolases (UCHs) are a family of cysteine hydrolases. They catalyze the hydrolysis of amides, thioesters and esters, peptide and isopeptide bonds formed by the C-terminal Gly of ubiquitin. Up regulation of UCHL3 is associated with uterine cervical neoplasms. UCHL3 is implicated in age related cognitive disorders. UCHL3 also promotes adipogenesis and insulin signaling. In mice, UCHL3 knockout have been shown to be resistant to diet-induced obesity.

Product Info

Amount :	10 µg / 50 µg
Content :	Supplied as a 0.2 µm filtered solution of 50mM TrisHCl, 150mM NaCl, 1mM DTT, 50% Glycerol, pH 8.0.
Storage condition :	Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid :	MEGQRWLPLEANPEVTNQFLKQLGLHPNWQFVDVYGMDPELLSMVPRPVCAVLLLFPITEKYEVFRTEEEEKIK SQGQDVTSSVYFMKQTISNACGTIGLIHAIANNKDKMHFESGSTLKKFLEESVSMSPEERARYLENYDAIRVTHE TSAHEGQTEAPSIDEKVDLHFIALVHVDGHLYELDGRKPFPINHGETSDETLLEDAIEVCKKFMERDPDELRFNAI ALSAALEHHHHHH

Application Note

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