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Datasheet for ABIN7319141 UCHL3 Protein (His tag)

Overview

Quantity:	50 µg
Target:	UCHL3 (Uchl3)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UCHL3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human UCHL3/UCH-L3 Protein (His Tag)
Sequence:	Met 1-Ala230
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UCHL3 (Uchl3)
Alternative Name:	UCHL3/UCH-L3 (Uchl3 Products)
Background:	Background: Ubiquitin Carboxyl-Terminal Hydrolases (UCHs) are a family of cysteine hydrolases. They catalyze the hydrolysis of amides, thioesters and esters, peptide and

Target Details

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.

Synonym: Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L3, UCH-L3, Ubiquitin Thioesterase L3, UCHL3

Molecular Weight: 27.3 kDa

UniProt: [P15374](#)

Pathways: [Feeding Behaviour](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 50 mM TrisHCl, 150 mM NaCl, 1 mM DTT, 50 % Glycerol, pH 8.0.

Storage: -20 °C

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