9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6942: UCHL3 Mouse

Application : Functional Assay

Alternative Name : Ubiquitin carboxyl-terminal hydrolase isozyme L3, UCH-L3, UCHL3, Ubiquitin Carboxyl-Terminal Esterase L3, Ubiquitin thioesterase L3, Uchl3, Ubiquitin carboxyl-terminal esterase L3.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
Ubiquitin carboxyl-terminal hydrolase isozyme L3 belongs to a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to produce the ubiquitin monomer. UCHL3 takes part in the regulation of neuronal development and spermatogenesis and is associated to neurodegenerative diseases. UCHL3 has a 54% homology to UCHL1.
UCHL3 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 238 amino acids (1-230) and having a molecular mass of 27.2kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).UCHL3 is fused to 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : UCHL3 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Amino Acid : MEGQRWLPLE ANPEVTNQFL KQLGLHPNWQ FVDVYGMEPE LLSMVPRPVC AVLLLFPITE KYEVFRTEEE EKIKSQGQDV TSSVYFMKQT ISNACGTIGL IHAIANNKDK MHFESGSTLK KFLEESVSMS PEERAKFLEN YDAIRVTHET SAHEGQTEAP SIDEKVDLHF IALVHVDGHL YELDGRKPFP INHGKTSDET LLEDAIEVCK KFMERDPDEL RFNAIALSAA LEHHHHHH.

Application Note

Specific activity is > 9,000 pmol/min/mg, and is defined as the amount of enzyme that hydrolysis 1.0 pmole of ubiquitin-AMC per minute at pH 7.5, at 37Ã‚Â°C.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.