Datasheet for ABIN6388012

UCHL1 Protein (AA 1-223) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	UCHL1
Protein Characteristics:	AA 1-223
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This UCHL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Enzyme Activity Assay (EAA)

Product Details

Sequence:	MQLKPME INPEMLNKVL AKLGVAGQWR FADVLGLEEE TLGSVPSPAC ALLLLFPLTA QHENFRKKQI EELKGQEVSP KVYFMKQTIG NSCGTIGLIH AVANNQDKLE FEDGSVLKQF LSETEKLSPE DRAKCFEKNE AIQAAHDSVA QEGQCRVDDK VNFHFILFNN VDGHLYELDG RMPFPVNHGA SSEDSLLQDA AKVCREFTER EQGEVRFSAV ALCKAA
Purity:	> 90% by SDS-PAGE
Biological Activity Comment:	Specific activity is > 70pmol/min/ug, and is defined as the amount of enzyme that hydrolysis 1.0pmole of ubiquitin-AMC per minute at pH 7.5, at 37C

Target Details

Target:	UCHL1

Target Details

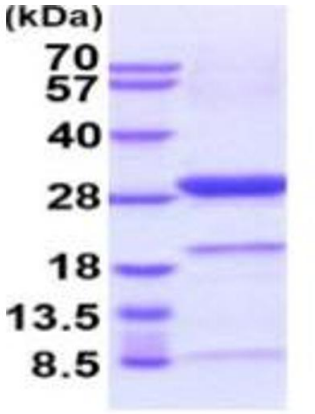
Alternative Name:	PGP9.5/UCHL1 (UCHL1 Products)
Background:	Uchl1 also known as Ubiquitin carboxyl-terminal hydrolase isozyme L1 is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. UCHL1 is a component of the ubiquitin system, which has a fundamental role in regulating various biological activities. Recombinant mouse Uchl1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	27.2 kDa (246aa) confirmed by MALDI-TOF
NCBI Accession:	NP_035800
UniProt:	Q9R0P9
Pathways:	Feeding Behaviour

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Bioactivity Validated
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate buffered saline containing 10 % glycerol, 1 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.