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UCHL3 Protein (AA 1-230) (His tag)



Image



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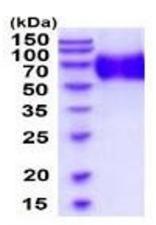
Overview

Quantity:	50 μg
Target:	UCHL3 (Uchl3)
Protein Characteristics:	AA 1-230
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UCHL3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details	
Sequence:	ICPLQCICTE RHRHVDCSGR NLSTLPSGLQ ENIIHLNLSY NHFTDLHNQL TQYTNLRTLD
	ISNNRLESLP AHLPRSLWNM SAANNNIKLL DKSDTAYQWN LKYLDVSKNM LEKVVLIKNT
	LRSLEVLNLS SNKLWTVPTN MPSKLHIVDL SNNSLTQILP GTLINLTNLT HLYLHNNKFT
	FIPDQSFDQL FQLQEITLYN NRWSCDHKQN ITYLLKWMME TKAHVIGTPC STQISSLKEH
	NMYPTPSGFT SSLFTVSGMQ TVDTINSLSV VTQPKVTKIP KQYRTKETTF GATLSKDTTF
	TSTDKAFVPY PEDTSTETIN SHEAAAATLT IHLQDGMVTN TSLTSSTKSS PTPMTLSITS
	GMPNNFSEMP QQSTTLNLWR EETTTNVKTP LPSVEHHHHH H
Purity:	> 95 % by SDS - PAGE.
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	UCHL3 (Uchl3)
Alternative Name:	Uchl3 (Uchl3 Products)
Background:	OMG, also known as oligodendrocyte-myelin glycoprotein, is a cell membrane protein which
	contains eight leucine-rich repeats. This protein is expressed on the surface of
	oligodendrocytes and on large projection neurons, including Purkinje cells of the cerebellum,
	pyramidal cells of the hippocampus, motoneurons of the brainstem and anterior horn cells of
	the spinal cord. The neurite outgrowth inhibitory activities of all three myelin-derived proteins
	are mediated by binding to a common receptor complex consisting of the Nogo receptor and to
	p75 neurotrophin receptor. Recombinant human OMG, fused to His-tag at C-terminus, was
	expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	45.4kDa (401aa) 50-100KDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_002535
UniProt:	P23515
Pathways:	Feeding Behaviour, Positive Regulation of fat Cell Differentiation
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:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C o
	-70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.