

Datasheet for ABIN7596467

## UNC5B Protein (AA 27-373) (hlgG-His-tag)



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### Overview

Quantity:	250 µg
Target:	UNC5B
Protein Characteristics:	AA 27-373
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UNC5B protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

### Product Details

Sequence:	<p>GIDSGG QALPDSFPSA PAEQLPHFLL EPEDAYIVKN KPVELHCRAF PATQIYFKCN</p> <p>GEWVSQKGHV TQESLDEATG LRIREVQIEV SRQQVEELFG LEDYWCQCVA WSSSGTTKSR</p> <p>RAYIRIAYLR KNFDQEPLAK EVPLDHEVLL QCRPPEGVPV AEVEWLKNEID VIDPAQDTNF</p> <p>LLTIDHNLII RQARLSDTAN YTCVAKNIVA KRRSTTATVI VYVNGGWSSW AEWSPCSNRC</p> <p>GRGWQKRTRT CTNPAPLNGG AFCEGQACQK TACTTVCPVD GAWTEWSKWS ACSTECAHWR</p> <p>SRECMAPPPQ NGGRDCSGTL LDSKNCTDGL CVLNQRTLND PKSRPLEPSG D</p>
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1µg of protein (determined by LAL method)

### Target Details

Target:	UNC5B
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## Target Details

Alternative Name:	UNC5H2/UNC5B ( <a href="#">UNC5B Products</a> )
Background:	<p>UNC5B/UNC5B, also known as Netrin receptor UNC5B, is one of four related receptors that comprise the UNC5 family and serve as receptors for the axon guidance molecule Netrin-1. Outside of the nervous system, UNC5B facilitates Netrin-1-mediated inhibition of capillary branching and leukocyte migration, as well as Netrin-1-mediated promotion of osteoclast differentiation. Also this protein activates DAPK1 which mediates apoptosis. It is believed to play a role in tumorigenesis. Additionally, It is thought to play a critical role in the development of atherosclerosis and the survival of renal tubular epithelial cells during acute kidney injury. Recombinant Rat UNC5B/UNC5B, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	66.0kDa (590aa)
NCBI Accession:	<a href="#">NP_071543</a>

## Application Details

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

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
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.