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ROBO2 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



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Overview	
Quantity:	20 μg
Target:	ROBO2
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ROBO2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human ROBO2 (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	ROBO2
Alternative Name:	Robo2 (ROBO2 Products)
Background:	The protein encoded by this gene belongs to the ROBO family, part of the immunoglobulin
	superfamily of proteins that are highly conserved from fly to human. The encoded protein is a
	transmembrane receptor for the slit homolog 2 protein and functions in axon guidance and cell
	migration. Mutations in this gene are associated with vesicoureteral reflux, characterized by the

Target Details

	backward flow of urine from the bladder into the ureters or the kidney. Alternative splicing results in multiple transcript variants.
Molecular Weight:	152.9 kDa
NCBI Accession:	NP_001122401
Pathways:	Regulation of Cell Size

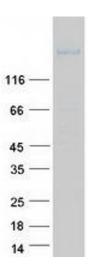
Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot