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PTPRD Protein (AA 21-1265) (His tag)



Image



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Quantity:	100 μg
Target:	PTPRD
Protein Characteristics:	AA 21-1265
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPRD protein is labelled with His tag.

Product Details

Sequence:	AA 21-1265	
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 140 kDa. The protein migrates as 19 kDa and 120-130 kDa under reducing (R) condition (SDS-PAGE).	
Purity:	>90 % as determined by SDS-PAGE.	
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.	

Target Details

Target:	PTPRD	
Alternative Name:	PTPRD (PTPRD Products)	
Background:	Receptor-type tyrosine-protein phosphatase delta is an enzyme that is encoded by the PTPF gene. The protein encoded by this gene is a member of the protein tyrosine phosphatase (P	

family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. PTPRD has been shown to interact with PTPRS and liprin-alpha-1. Studies of the similar genes in chick and fly suggest the role of this PTP is in promoting neurite growth, and regulating neurons axon guidance. Multiple tissue specific alternatively spliced transcript variants of this gene have been reported. Mutations in the PTPRD gene are associated with autism, obsessive-compulsive disorder, and breast cancer.

Pathways:	Synaptic Membrane
NCBI Accession:	NP_002830
Molecular Weight:	140.0 kDa

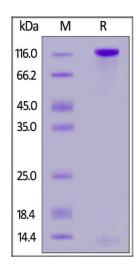
Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



SDS-PAGE