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Product datasheet for TP304116

HIPPI (IFT57) (NM_018010) Human Recombinant Protein

Product data:

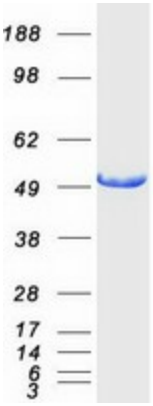
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human intraflagellar transport 57 homolog (Chlamydomonas) (IFT57)
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	48.9 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060480
Locus ID:	55081
RefSeq Size:	3223
Cytogenetics:	3q13.12-q13.13
RefSeq ORF:	1287
Synonyms:	ESRRBL1; HIPPI; MHS4R2; OFD18
Summary:	Required for the formation of cilia. Plays an indirect role in sonic hedgehog signaling, cilia being required for all activity of the hedgehog pathway (By similarity). Has pro-apoptotic function via its interaction with HIP1, leading to recruit caspase-8 (CASP8) and trigger apoptosis. Has the ability to bind DNA sequence motif 5'-AAAGACATG-3' present in the promoter of caspase genes such as CASP1, CASP8 and CASP10, suggesting that it may act as a transcription regulator; however the relevance of such function remains unclear. [UniProtKB/Swiss-Prot Function]

View online »

Protein Families: Druggable Genome

Protein Pathways: Huntington's disease

Product images:



Coomassie blue staining of purified IFT57 protein (Cat# TP304116). The protein was produced from HEK293T cells transfected with IFT57 cDNA clone (Cat# [RC204116]) using MegaTran 2.0 (Cat# [TT210002]).