Recombinant Human JPH4 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. JPH4-376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	JPH4 MS Standard C13 and N15-labeled recombinant protein (NP_115828) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the junctophilin family of transmembrane proteins that are involved in the formation of the junctional membrane complexes between the plasma membrane and the endoplasmic/sarcoplasmic reticulum in excitable cells. The encoded protein contains a conserved N-terminal repeat region called the membrane occupation and recognition nexus sequence that is found in other members of the junctophilin family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]
Molecular Mass	65.7 kDa
AA Sequence	MSPGGKFDFDDGGCYVGGWEAGRAHGYGVCTGPGAQGEYSGCWAHGFESLGVF TGPGGHSYQGHWQQGKREGLGVERKSRWTYRGEWLGGLKGRSGVWESVSGLR YAGLWKDGFQDGYGTETYSDGGTYQGQWQAGKRHGYGVRQSVPYHQAALLRSP RRTSLDSGHSDPPTPPPPLPLPGDEGGSPASGSRGGFVLAGPGDADGASSRKRTP AAGGFFRRSLLLSGLRAGGRRSSLGSKRGSLRSEVSSEVGSTGPPGSEASGPPAA APPALIEGSATEVYAGEWRADRRSGFGVSQRSNGLRYEGEWLGNQRHGYGRTTR

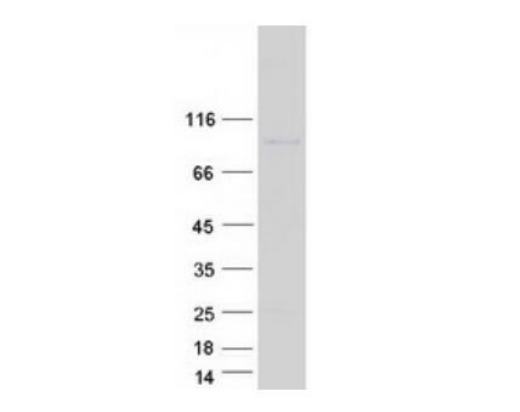
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	PDGSREEGKYKRNRLVHGGRVRSLLPLALRRGKVKEKVDRAVEGARRAVSAARQR QEIAAARAADALLKAVAASSVAEKAVEAARMAKLIAQDLQPMLEAPGRRPRQDSEG SDTEPLDEDSPGVYENGLTPSEGSPELPSSPASSRQPWRPPACRSPLPPGGDQGP FSSPKAWPEEWGGAGAQAEELAGYEAEDEAGMQGPGPRDGSPLLGGCSDSSGSL REEEGEDEEPLPPLRAPAGTEPEPIAMLVLRGSSSRGHDAGCLTEELGEPAATERP AQPGAANPLVVGAVALLDLSLAFLFSQLLTTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	JPH4 junctophilin 4 [Homo sapiens (human)]
Official Symbol	JPH4
Synonyms	JP4; JPHL1
Gene ID	84502
mRNA Refseq	NM_032452

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_115828
UniProt ID	Q96JJ6
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA