

Product datasheet for PH308221

JPH4 (NM_032452) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	JPH4 MS Standard C13 and N15-labeled recombinant protein (NP_115828)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208221
Predicted MW:	65.7 kDa
Protein Sequence:	>RC208221 representing NM_032452 Red=Cloning site Green=Tags(s)

MSPGGKFDFFDDGGCYVGGWEAGRAHGYGVCTGPGAQGEYSGCWAHGFESLGVFTGPGGHSYQGHWQQGKR
EGLGVERKSRWTYRGEWLGGLKGRSGVWESVSGRLRYAGLWKDGFQDGYGTETYSDDGGTYQGQWQAGKRHG
YGVRQSVPYHQAAALLRSPRRTSLDSGSDPPTPPPPLPLPGDEGGSPASGSRGGFVLAGPGDADGASSRK
RTPAAGGFFRRSLLL SGLRAGGRRSSLGSKRGLRSEVSSEVVGSTGPPGSEASGPPAAAPPALIEGSATE
VYAGEWRADRRSGFGVSRNSGLRYEGEWLGNQRHGYGRTRPDGSRREGKYKRNLVHGGRRVRSLLPLA
LRRGKVKKEVDRAVEGARRAVSAARQRQEIAAARAADALLKAVAASSVAEKAVEAARMAKLI AQDLQPML
EAPGRRRPRQDSEGS DTEPLDEDSPGVYENGLTPSEGSPPELSSPASSRQPWRPPACRSPLPPGGDQGPFS
SPKAWPEEWGGAGAQAEELAGYEADEAGMQGPGPRDGSPLLGGCSDSSGSLREEEGEDEEPLPPLRAPA
GTEPEPIAMLVLRGSSSRGHDAGCLTEELGEPATERPAQPGAANPLVGVAVALLDL SLAFLFSQLLT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_115828
RefSeq Size:	4396
RefSeq ORF:	1884



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Synonyms: JP4; JPHL1

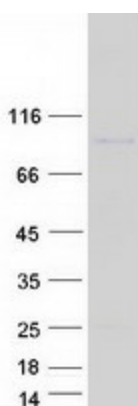
Locus ID: 84502

UniProt ID: [Q96JJ6](#)

Cytogenetics: 14q11.2

Summary: 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]

Product images:



Coomassie blue staining of purified JPH4 protein (Cat# [TP308221]). The protein was produced from HEK293T cells transfected with JPH4 cDNA clone (Cat# [RC208221]) using MegaTran 2.0 (Cat# [TT210002]).