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Product datasheet for PH301493

HSPC210 (GSKIP) (NM_016472) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C14orf129 MS Standard C13 and N15-labeled recombinant protein (NP_057556)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201493
Predicted MW:	15.6 kDa
Protein Sequence:	>RC201493 protein sequence Red=Cloning site Green=Tags(s) METDCNPMELSSMSGFEEGSELNGFEGTDMKDMRLEAEAVVNDVLFAVNNMFVSKSLRCADDVAYINVET KERNRYCLELTEAGLKVVGYAFDQVDDHLQTPYHETVYSLLDTLSPAYREAFGNALLQRLEALKRDGQS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_057556
RefSeq Size:	2251
RefSeq ORF:	417
Synonyms:	C14orf129; HSPC210
Locus ID:	51527
UniProt ID:	Q9P0R6, A0A024R6P6
Cytogenetics:	14q32.2

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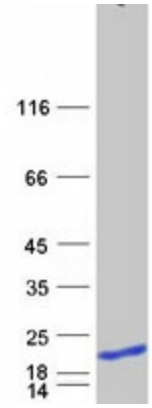
Summary: This gene encodes a protein that is involved as a negative regulator of GSK3-beta in the Wnt signaling pathway. The encoded protein may play a role in the retinoic acid signaling pathway by regulating the functional interactions between GSK3-beta, beta-catenin and cyclin D1, and it regulates the beta-catenin/N-cadherin pool. The encoded protein contains a GSK3-beta interacting domain (GID) in its C-terminus, which is similar to the GID of Axin. The protein also contains an evolutionarily conserved RII-binding domain, which facilitates binding with protein kinase-A and GSK3-beta, enabling its role as an A-kinase anchoring protein. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]

Product images:



Coomassie blue staining of purified GSKIP protein (Cat# [TP301493]). The protein was produced from HEK293T cells transfected with GSKIP cDNA clone (Cat# [RC201493]) using MegaTran 2.0 (Cat# [TT210002]).