

Product datasheet for PH305253

HPCAL4 (NM_016257) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HPCAL4 MS Standard C13 and N15-labeled recombinant protein (NP_057341)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205253
Predicted MW:	22.2 kDa
Protein Sequence:	>RC205253 protein sequence Red =Cloning site Green =Tags(s) MGKTNSKLAPEVLEDLVQNTSEFSEQLKQWYKGLKDCPSGILNLEEFQQLYIKFFPYGDASKFAQHAFR TFDKNGDGTIDFREFICALSVTSRGSFEQKLNWAFEMYDLGDGRITRLEMLEIIEAIYKMVGTVIMMRM NQDGLTPQQRVDKIFKKMDQDKDDQITLEEFKEAAKSDASIVLLLQCDMQK TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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_057341
RefSeq Size:	4895
RefSeq ORF:	573
Synonyms:	HLP4
Locus ID:	51440
UniProt ID:	Q9UM19

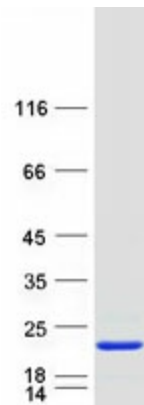


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Cytogenetics: 1p34.2

Summary: The protein encoded by this gene is highly similar to human hippocalcin protein and hippocalcin like-1 protein. It also has similarity to rat neural visinin-like Ca²⁺-binding protein-type 1 and 2 proteins. This encoded protein may be involved in the calcium-dependent regulation of rhodopsin phosphorylation. The transcript of this gene has multiple polyadenylation sites. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]

Product images:



Coomassie blue staining of purified HPCAL4 protein (Cat# [TP305253]). The protein was produced from HEK293T cells transfected with HPCAL4 cDNA clone (Cat# [RC205253]) using MegaTran 2.0 (Cat# [TT210002]).