

Product datasheet for TP305253

HPCAL4 (NM_016257) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hippocalcin like 4 (HPCAL4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205253 protein sequence Red=Cloning site Green=Tags(s)
	MGKTN SKLAPEVLEDLVQNTEFSEQELKQWYKGF LKDCPSGILNLEEFQQLYIKFFPYGDASKFAQHAFR TFDKNGDGTIDFREFICALSVTSRGSFEQKLNWAFEMYDLGDGRITRLEMLEIIEAIYKMGVTVIMMRM NQDGLTPQQRVDKIFKKMDQDKDDQITLEEFKEAAKSDASIVLLLQCDMQK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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_057341
Locus ID:	51440
UniProt ID:	Q9UM19
RefSeq Size:	4895



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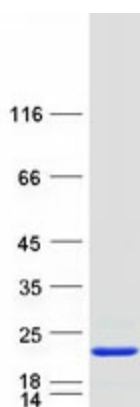
Cytogenetics: 1p34.2

RefSeq ORF: 573

Synonyms: HLP4

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]).