

Product datasheet for **TP305253L**

HPCAL4 (NM_016257) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human hippocalcin like 4 (HPCAL4), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC205253 protein sequence
Red=Cloning site **Green**=Tags(s)

MGKTN SKLAPEVLEDLVQNTEFSEQELKQWYKGF LKDCPSGILNLEEFQQLYIKFFPYGDASKFAQHAFR
TFDKNGDGTIDFREFICALSVTSRGSFEQKLNWAFEMYDL DGDGRITRLEMLEIIEAIYKMGVTVIMMRM
NQDGLTPQQRVDKIFKKMDQDKDDQITLEEFKEAAKSDASIVLLLQCDM QK

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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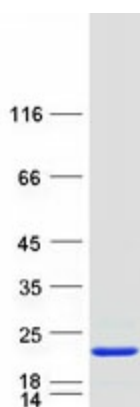
Cytogenetics: 1p34.2

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]).