Recombinant Human HPCAL4, GST-tagged

Cat. No. HPCAL4-13919H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HPCAL4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-191a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	HPCAL4 hippocalcin like 4 [Homo sapiens]

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	HPCAL4
Synonyms	HPCAL4; hippocalcin like 4; hippocalcin-like protein 4; DKFZp761G122; HLP4;
Gene ID	51440
mRNA Refseq	NM_016257
Protein Refseq	NP_057341
UniProt ID	Q9UM19
Chromosome Location	1p34.2
Function	calcium channel regulator activity; calcium ion binding; protein C-terminus binding; protein domain specific binding;

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