Recombinant Human HOMER2, GST-tagged

Cat. No. HOMER2-13880H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HOMER2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300a.a.
Description	This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotrophic glutamate receptor function. The encoded protein is a postsynaptic density scaffolding protein. Alternative splicing results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 14.
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	HOMER2 homer homolog 2 (Drosophila) [Homo sapiens]

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Official Symbol	HOMER2
Synonyms	HOMER2; homer homolog 2 (Drosophila); homer protein homolog 2; CPD; Cupidin; HOMER 2; HOMER 2A; HOMER 2B; Vesl 2; cupidin; homer homolog 3; homer, neuronal immediate early gene, 2; ACPD; VESL-2; HOMER-2;
Gene ID	9455
mRNA Refseq	NM_004839
Protein Refseq	NP_004830
MIM	604799
UniProt ID	Q9NSB8
Chromosome Location	15q24.3
Pathway	Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem;
Function	G-protein coupled glutamate receptor binding; GKAP/Homer scaffold activity; actin binding; protein domain specific binding; protein heterodimerization activity; protein homodimerization activity;

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