

Recombinant Human HOMER2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HOMER2-5768H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HOMER2 MS Standard C13 and N15-labeled recombinant protein (NP_955362) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic 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.
Molecular Mass	40.4 kDa
AA Sequence	MGEQPIFTTRAHVVFQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIIN STITPNMTFTKTSQKFGQWADSRANTVFGLGFSSEQQLTKFAEKFQEVKEAAKIAKD KTQEKIETSSNHSQESGRETPSSTQASSVNGTDDEKASHAGPANTHLKSENDKLIKIA LTQSAANVKKWEIELQTLRESNARLTALQESAASVEQWKRQFSICRDENDRLRNKI DELEEQCSEINREKEKNTQLKRRIEELEAELREKETELKDLRKQSEIIPQLMSECEYV SEKLEAAERDNQNLEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDGKIDDLHDFR RGLSKLGTDNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

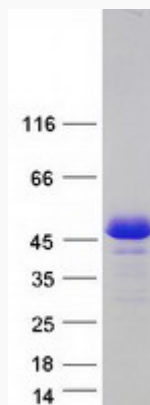
GENE INFORMATION

Gene Name	HOMER2 homer scaffold protein 2 [Homo sapiens (human)]
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_199330
Protein Refseq	NP_955362
MIM	604799
UniProt ID	Q9NSB8

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SDS-PAGE

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