

## Product datasheet for **TP314311M**

### **HOMER2 (NM\_199331) Human Recombinant Protein**

#### **Product data:**

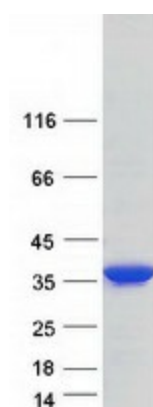
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens homer homolog 2 (Drosophila) (HOMER2), transcript variant 3, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC214311 representing NM_199331 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGEQPIFTTRAHVVFQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFTKT SQKFGQWADSRANTVFGGLGFSSEQQLTKFAEKFEVKEAAKIAKDKTQEKIETSSNHSQASSVNGTDDEK ASHAGPANTHLKSENDKLIKIALTQSAANVKNEINREKEKNTQLKRRIEELEAELREKETELKDLRKQSEI IPQLMSECEYVSEKLEAAERDNQNLEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDGKIDDLHDFRRG LSKLGTDN  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	32.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_955363</a>
<b>Locus ID:</b>	9455



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UniProt ID:	<a href="#">Q9NSB8</a>
RefSeq Size:	1807
Cytogenetics:	15q25.2
RefSeq ORF:	864
Synonyms:	ACPD; CPD; HOMER-2; HOMER2A; HOMER2B; Vesl-2
Summary:	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. [provided by RefSeq, Jun 2011]
Protein Families:	Druggable Genome

### Product images:



Coomassie blue staining of purified HOMER2 protein (Cat# [TP314311]). The protein was produced from HEK293T cells transfected with HOMER2 cDNA clone (Cat# [RC214311]) using MegaTran 2.0 (Cat# [TT210002]).