

## Product datasheet for TP323154M

### HOMER2 (NM\_199330) 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 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC223154 representing NM_199330 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MGEQPIFTTRAHVFIQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFTKT SQKFGQWADSRANTVFGGLGFSSEQQLTKFAEKFEVKEAAKIAKDKTQEKIETSSNHSQESGRETPSSTQ ASSVNGTDDKASHAGPANTHLKSENDLKLIALTQSAANVKKWEIELQTLRESNARLTTALQESAASVEQ WKRQFSICRDENDRLRNKIDEELEEQCSEINREKEKNTQLKRRIEELEAELREKETELKDLRKQSEIIPQL MSECEYVSEKLEAAERDNQNLEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDGKIDDLHDFRRGLSKL GTDN
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	40.4 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>	<u><a href="#">NP_955362</a></u>



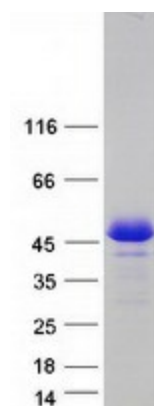
[View online »](#)

Locus ID: 9455  
UniProt ID: [Q9NSB8](#)  
RefSeq Size: 2005  
Cytogenetics: 15q25.2  
RefSeq ORF: 1062  
Synonyms: ACPD; CPD; DFNA68; HOMER-2; 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# [TP323154]). The protein was produced from HEK293T cells transfected with HOMER2 cDNA clone (Cat# [RC223154]) using MegaTran 2.0 (Cat# [TT210002]).