

## Product datasheet for TP304165M

### HOMER2 (NM\_004839) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human homer homolog 2 (Drosophila) (HOMER2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204165 protein sequence Red=Cloning site Green=Tags(s)

MGEQPIFTTRAHVVFQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFTKT  
SQKFGQWADSRANTVFGGLGFSSEQQLTKFAEKQEVKEAAKIAKDKTQEKIETSSNHSQASSVNGTDDEK  
ASHAGPANTHLKSENDKLIKIALTQSAANVKKWEIELQTLRESNARLTTALQESAASVEQWKRQFSICRDE  
NDRLRNKIDEEQCSEINREKEKNTQLKRRIEELEAELREKETELKDLRKQSEIIPQLMSECEYVSEKL  
EAAERDNQNLKEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDGKIDDLHDFRRGLSKLGTDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

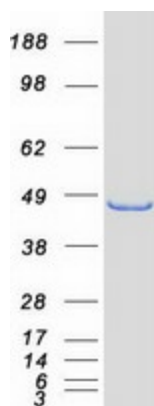
Tag:	C-Myc/DDK
Predicted MW:	39.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_004830</a></u>
Locus ID:	9455



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UniProt ID:	<a href="#">Q9NSB8</a>
RefSeq Size:	1976
Cytogenetics:	15q25.2
RefSeq ORF:	1029
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# [TP304165]). The protein was produced from HEK293T cells transfected with HOMER2 cDNA clone (Cat# [RC204165]) using MegaTran 2.0 (Cat# [TT210002]).