

## Product datasheet for TP318155L

### HOMER2 (NM\_199332) Human Recombinant Protein

#### Product data:

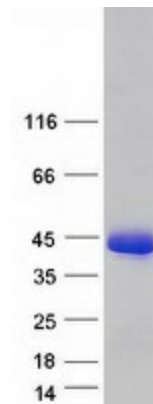
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens homer homolog 2 (Drosophila) (HOMER2), transcript variant 4, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218155 representing NM_199332 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGEQPIFTTRAHVFIQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFTKT SQKFGQWADSRANTVFGGLGFSSEQQLTKFAEKFEVKEAAKIAKDKTQEKIETSSNHSQESGRETPSSTQ ASSVNGTDDEKASHAGPANTHLKSENDKLIKALQSAANVKNEINREKEKNTQLKRRIEELAELEKREKET ELKDLRKQSEIIPQLMSECEYVSEKLEAAERDNQNLEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDG KIDDLHDFRRGLSKLGTDN  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	33.9 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:	<a href="#">NP_955364</a>
Locus ID:	9455



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UniProt ID:	<a href="#">Q9NSB8</a>
RefSeq Size:	1840
Cytogenetics:	15q25.2
RefSeq ORF:	897
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# [TP318155]). The protein was produced from HEK293T cells transfected with HOMER2 cDNA clone (Cat# [RC218155]) using MegaTran 2.0 (Cat# [TT210002]).