

Product datasheet for TP323154L

HOMER2 (NM_199330) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens homer homolog 2 (Drosophila) (HOMER2), transcript variant 2, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC223154 representing NM_199330 Red =Cloning site Green =Tags(s) |
| | <p>MGEQPIFTTRAHVFIQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFTKT SQKFGQWADSRANTVFGGLGFSSEQQLTKFAEKFEVKEAAKIAKDKTQEKIETSSNHSQESGRETPSSTQ ASSVNGTDDKASHAGPANTHLKSENDKLIKALTSAAANVKKWEIELQTLRESNARLTALQESAASVEQ WKRQFSICRDENDRLRNKIDEELEEQCSEINREKEKNTQLKRRIEELAELEKRETELKDLRKQSEIIPQL MSECEYVSEKLEAAERDNQNLEDKVRSLKDIEESKYRQRHLKVELKSFLEVLDGKIDDLHDFRRGLSKL GTDN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 40.4 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>NP_955362</u> |



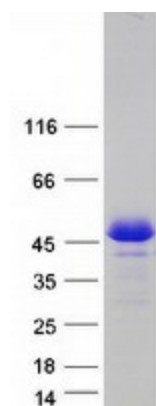
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Locus ID: 9455
UniProt ID: [Q9NSB8](#)
RefSeq Size: 2005
Cytogenetics: 15q25.2
RefSeq ORF: 1062
Synonyms: ACPD; CPD; DFNA68; HOMER-2; VESL-2

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]).