

Product datasheet for PH304165

HOMER2 (NM_004839) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HOMER2 MS Standard C13 and N15-labeled recombinant protein (NP_004830)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204165
Predicted MW:	39.5 kDa
Protein Sequence:	>RC204165 protein sequence Red=Cloning site Green=Tags(s) MGEQPIFTTRAHVQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFTKT SQKFGQWADSRANTVFLGFSSEQQLTKFAEKQEVKEAAKIAKDKTQEKIETSSNHSQASSVNGTDDEK ASHAGPANTHLKSENDKLIKIALTQSAANYKWEIELQTLRESNARLTTALQESAASVEQWKRQFSICRDE NDRLRNKIDEEEQCSEINREKEKNTQLKRRIEELEAELREKETELKDLRKQSEIIPQLMSECEYVSEKL EAAERDNQNLQEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDGKIDDLHDFRRLSKLGTDN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004830
RefSeq Size:	1976
RefSeq ORF:	1029
Synonyms:	ACPD; CPD; DFNA68; HOMER-2; VESL-2
Locus ID:	9455



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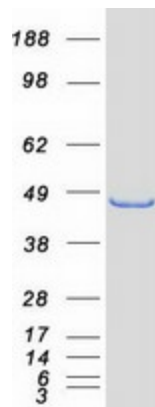
UniProt ID: [Q9NSB8](#)

Cytogenetics: 15q25.2

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]).