

Product datasheet for PH314311

HOMER2 (NM_199331) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HOMER2 MS Standard C13 and N15-labeled recombinant protein (NP_955363)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214311
Predicted MW:	32.7 kDa
Protein Sequence:	>RC214311 representing NM_199331 Red =Cloning site Green =Tags(s) MGEQPIFTTRAHVQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFTKT SQKFGQWADSRANTVFLGLFSSEQQLTKFAEKQEVKEAAKIAKDKTQEKIETSSNHSQASSVNGTDDEK ASHAGPANTHLKSENDKLIKIALTQSAANYKNEINREKEKNTQLKRRIEELEAELREKETELKDLRKQSEI IPQLMSECEYVSEKLEAAERDNQNLQLEDKVRSKTDIEESKYRQRHLKVELKSFLEVLDGKIDDLHDFRRG LSKLGTDN 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_955363
RefSeq Size:	1807
RefSeq ORF:	864
Synonyms:	ACPD; CPD; HOMER-2; HOMER2A; HOMER2B; Vesl-2
Locus ID:	9455



[View online »](#)

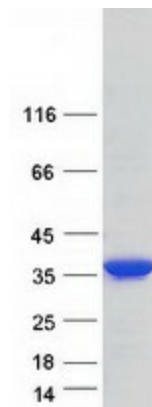
UniProt ID: [Q9NSB8](#)

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# [TP314311]). The protein was produced from HEK293T cells transfected with HOMER2 cDNA clone (Cat# [RC214311]) using MegaTran 2.0 (Cat# [TT210002]).