

# Product datasheet for AR50307PU-S

## HOMER2 (1-343, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	HOMER2 (1-343, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMMGEQP IFTTRAHVFQ IDPNTKKNWM PASKQAVTVS YFYDVTRNSY RIISVDGAKV IINSTITPNM TFTKTSQKFG QWADSRANTV FGLGFSSEQQ LTKFAEKFQE VKEAAKIAKD KTQEKIETSS NHSQASSVNG TDDEKASHAG PANTHLKSEN DKLKIALTQS AANVKKWEIE LQTLRESNAR LTTALQESAA SVEQWKRQFS ICRDENDRLR NKIDELEEQC SEINREKEKN TQLKRRIEEL EAELREKETE LKDLRKQSEI IPQLMSECEY VSEKLEAAER DNQNLEDKVR SLKTDIEESK YRQRHLKVEL KSFLEVLDGK IDDLHDFRRG LSKLGTDN
Tag:	His-tag
Predicted MW:	42.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HOMER2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 004830</u>
Locus ID:	9455
UniProt ID:	<u>Q9NSB8</u>
Cytogenetics:	15q25.2
Synonyms:	ACPD; CPD; DFNA68; HOMER-2; VESL-2



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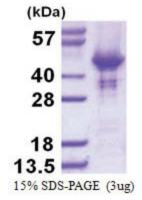
	HOMER2 (1-343, His-tag) Human Protein – AR50307PU-S	
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Summary:This gene encodes a member of the homer family of dendritic proteins. Members of this<br/>family regulate group 1 metabotrophic glutamate receptor function. The encoded protein is a<br/>postsynaptic density scaffolding protein. Alternative splicing results in multiple transcript<br/>variants. Two related pseudogenes have been identified on chromosome 14. [provided by<br/>RefSeq, Jun 2011]

Protein Families:

Druggable Genome

### **Product images:**



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