9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

HOMER2 Human

Homer Homolog-2 Human Recombinant
RCP1046

Product Overview

Name	HOMER2 Human
Description	
Homer Homolog-2 Human Recombinant	
Accession (Primary)	Q9NSB8
Synonyms	
Homer homolog 2 (Drosophila), homer neuronal immediate early gene 2, homer homolog 3, HOMER-2 (2A/2B), Vesl-2, ACPD, Cupidin, CPD.	
Introduction	
HOMER2 belongs to the homer family of dendritic proteins which are immediate early gene products who bind to group 1 metabotropic glutamate receptors (mGluRs), proteins associated to triggering intracellular calcium release. Additionally, HOMER2 conect mGluRs to the inositol triphosphate receptors (IP3R).	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The HOMER2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM MGEQP 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	

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IDDLHDFRRG LSKLGTDN

Precautions

HOMER2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NSB8)