9051 Mira Mesa Blvd, #910094
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HOMER1 Human

Homer Homolog-1 Human Recombinant
RCP1045

Product Overview

Name	HOMER1 Human
Description	
Homer Homolog-1 Human Recombinant	
Accession (Primary)	Q86YM7
Synonyms	
HOMER, SYN47, Ves-1, HOMER1A, HOMER1B, HOMER1C, HOMER1, Homer protein homolog 1.	
Introduction	
HOMER1 takes part in determining the apoptotic susceptibility to TRAIL. HOMER1 is a member of the Homer family of proteins that regulate signal transduction through, and the trafficking of, glutamate receptors, plus maintain and regulate extracellular glutamate levels in corticolimbic brain regions. The HOMER1 is enriched at excitatory synapses and binds group 1 metabotropic glutamate receptors (mGluRs).	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The HOMER1 protein (1mg/ml) contains 20mM Tris-HCl buffer pH-8, 1mM DTT, 0.1M NaCl and 20% 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 90% as determined by Analysis by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMGE QPIFSTRAHV FQIDPNTKKN WVPTSKHAVT VSYFYDSTRN VYRIISLDGS KAIINSTITPNMTFTKTSQK FGQWADSRAN TVYGLGFSSE HHLSKFAEKF QEFKEAARLA KEKSQEKMEL TSTPSQESAG GDLQSPLTPE SINGTDDERT PDVTQNSEPR AEPTQNALPF SHSSAISKHW EAELATLKGN NAKLTAALLE STANVKQWKQ QLAAYQEEAE RLHKRVTELE CVSSQANAVH THKTELNQTI QELEETLKLK EEEIERLKQE IDNARELQEQ RDSLTQKLQE VEIRNKDLEG QLSDLEQRLE	

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KSQNEQEAFR NNLKTLLEIL DGKIFELTEL RDNLAKLLEC S.

Precautions

HOMER1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q86YM7)