

## 32-3985: HOMER1 Recombinant Protein

**Alternative Name :** HOMER,SYN47,Ves-1,HOMER1A,HOMER1B,HOMER1C,HOMER1,Homer protein homolog 1.

### Description

Source : Escherichia Coli. Recombinant Human HOMER1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 391 amino acids (1-354 a.a) and having a molecular mass of 44.5 kDa. HOMER1 is fused to a 37 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. 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).

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90% as determined by Analysis by SDS-PAGE.
<b>Content :</b>	The HOMER1 protein (1mg/ml) contains 20mM Tris-HCl buffer pH-8, 1mM DTT, 0.1M NaCl and 20% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMGE QPIFSTRAHV FQIDPNTKKN WVPTSKHAVT VSYFYDSTRN VYRIISLDGS KAIINSTITPNMTFTKTSQK FGQWADSRAN TVYGLGFSSE HHLSKFAEKF QEFKEARLA KEKSQEKMEL TSTPSQESAG GDLQSPLTPE SINGTDDERT PDVTQNSEPR AEPTQNALPF SHSSAISKHW EALATLKG NAKLTAALLE STANVKQWKQ QLAAYQEEAE RLHKRVTELE CVSSQANAVH THKTELNQTI QELEETLKLK EEEIERLKQE IDNARELQEQ RDSL TQKLQE VEIRNKDLEG QLSDLEQRLE KSQNEQEA FR NNLKTLLEIL DGKIFELTEL RDNLAKLLEC S.