

Homer Homolog-1 Human Recombinant

Item Number	rAP-3476
Synonyms	HOMER, SYN47, Ves-1, HOMER1A, HOMER1B, HOMER1C, HOMER1, Homer protein homolog 1.
Description	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.
Uniprot Accession Number	Q86YM7
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMGE QPIFSTRAHV FQIDPNTKKN WVPTSKHAVT VSYFYDSTRN VYRIISLDGS KAIINSTITPNMTFTKTSQK FGQWADSRAN TVYGLGFSSE HHLSKFAEKF QEFKEAARLA KEKSQEKMEL TSTPSQESAG GDLQSPLTPE SINGTDDERT PDVTQN- SEPR AEPTQNALPF SHSSAISKHW EAEATLKGN NAKLTAALLE STANVKQWKQ QLAAYQEEAE RLHKRVTELE CVSSQANAVH THKTELNQTI QELEETLKLK EEEIERLKQE IDNARELQEQ RDSLTQKLQE VEIRNKDLEG QLSDLERLE KQNEQEAFR NNLKTLLEIL DGKIFELTEL RDNLAKLLEC S.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The HOMER1 protein (1mg/ml) contains 20mM Tris-HCl buffer pH-8, 1mM DTT, 0.1M NaCl and 20% glycerol. Greater than 90% as determined by Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**