

Homer Homolog-2 Human Recombinant

Item Number	rAP-3474
Synonyms	Homer homolog 2 (Drosophila), homer neuronal immediate early gene 2, homer homolog 3, HOMER-2 (2A/2B), Vesl-2, ACPD, Cupidin, CPD.
Description	HOMER2 Human Recombinant produced in E. coli is a single polypeptide chain containing 368 amino acids (1-343) and having a molecular mass of 42.1kDa.HOMER2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NSB8
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMMGEQP IFTTRAHV FQ IDPNTKKNWM PASKQAVTVS YFYDVTRNSY RIISVDGAKV IINSTIPNM TFTKTSQKFG QWADSRANTV FGLGFSSEQQ LTKFAEKFQE VKEAAKIAKD KTQEKIETSS NHSQASSVNG TDDEKASHAG PANTHLKSEN DKLKIALTQS AANVKKWEIE LQTLRESNAR LTTALQESAA SVEQWKRFQS ICRDENDRLR NKIDELEEQC SEINRE- KEKN TQLKRRIEEL EALREKETE LKDLRKQSEI IPQLMSECEY VSEKLEAAER DNQNLEDKVR SLKTDIEESK YRQRHLKVEL KSFLEVLDGK IDDLHDFRRG LSKLGTDN
Source	E.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 HOMER2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 85% as determined 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**