

Homer Homolog-3 Human Recombinant

Item Number	rAP-3475
Synonyms	Homer homolog 3 (Drosophila)1 2 , HOMER-31 2 , homer protein homolog 32 , Homer neuronal immediate early gene 32, Homer-33, VESL32.
Description	HOMER3 Human Recombinant produced in E. coli is a single polypeptide chain containing 386 amino acids (1-361) and having a molecular mass of 42.5kDa. HOMER3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NSC5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMSTAR EQPIFSTRAH VFQIDPATKR NWIPAGKHAL TVSYFY-DATR NVYRIISIGG AKAIINSTVT PNMTFTKTSQ KFGQWADSRA NTVYGLGFAS EQHLTQFAEK FQEV-KEAARL AREKSQDGGE LTSPALGLAS HQVPPSPLVS ANGPGEELKF RSQSADAPGP TERERLKKML SEGSGVEVQW EAEFFALQDS NNKLAGALRE ANAAAAQWRQ QLEAQRAEAE RLRQRVAELE AQAASEVTPT GEKEGLGQQG SLEQLEALVQ TKDQEIQTLK SQTGGPREAL EAAEREETQQ KVQDLETRNA ELEHQLRAME RSLEEARAER ERARAEEVGRA AQLLDVSLFE LSELREGLAR LAEAAP
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 HOMER3 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl, 1mM DTT and 30% glycerol. Greater than 90% 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**