9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

HOMER3 Human

Homer Homolog-3 Human Recombinant
RCP1047

Product Overview

Name	HOMER3 Human

Description

Homer Homolog-3 Human Recombinant

Accession (Primary)	Q9NSC5

Synonyms

Homer homolog 3 (Drosophila)1 2 , HOMER-31 2 , homer protein homolog 32 , Homer neuronal immediate early gene 32, Homer-33, VESL32.

Introduction

HOMER3 belongs to the HOMER family of postsynaptic density scaffolding proteins which have an analogous domain structure consisting of an N-terminal Enabled/vasodilator-stimulated phosphoprotein homology 1 domain that facilitates protein-protein relations, and two leucine zipper and a carboxy-terminal coiled-coil domain motifs which take part in self-oligomerization.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The HOMER3 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl, 1mM DTT and 30% 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 SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MMSTAR EQPIFSTRAH VFQIDPATKR NWIPAGKHAL TVSYFYDATR NVYRIISIGG AKAIINSTVT PNMTFTKTSQ KFGQWADSRA NTVYGLGFAS EQHLTQFAEK FQEVKEAARL AREKSQDGGE LTSPALGLAS HQVPPSPLVS ANGPGEEKLF RSQSADAPGP TERERLKKML SEGSVGEVQW EAEFFALQDS NNKLAGALRE ANAAAAQWRQ QLEAQRAEAE RLRQRVAELE AQAASEVTPT GEKEGLGQGQ

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SLEQLEALVQ TKDQEIQTLK SQTGGPREAL EAAEREETQQ KVQDLETRNA ELEHQLRAME RSLEEARAER ERARAEVGRA AQLLDVSLFE LSELREGLAR LAEAAP

Precautions

HOMER3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NSC5)