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Recombinant human HOMER3 protein

Catalog Number: ATGP1548

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-361aa

UniProt No.

O9NSC5

NCBI Accession No.

NP 001139194

Alternative Names

Homer protein homolog 3, HOMER-3, VESL3

PRODUCT SPECIFICATION

Molecular Weight

42.5 kDa (386aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.15M NaCl, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

HOMER3, also known as homer protein homolog 3, is a member of the HOMER family of postsynaptic density scaffolding proteins that share a similar domain structure consisting of an N-terminal Enabled/vasodilator-stimulated phosphoprotein homology 1 domain which mediates protein-protein interactions, and a carboxy-terminal coiled-coil domain and two leucine zipper motifs that are involved in self-oligomerization. Recombinant human HOMER3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



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Amino acid Sequence

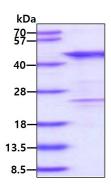
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General References

Xiao B., et al. (1998) Neuron. 21:707-716 Mayya V., et al. (2009) Sci. Signal. 2:RA46-RA46

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

