

Recombinant Human HOMER1, His-tagged

Cat. No. HOMER1-28485TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Homer with N terminal His tag, amino acids 1-354 , 44.5kDa.
Species	Human
Source	E.coli
ProteinLength	1-354 a.a.
Description	This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMGE QPIFSTRAHV

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acids

FQIDPNTKKN WVPTSKHAVT VSYFYDSTRN VYRIISLDGS KAIINSTIP
 NMTFTKTSQK FGQWADSRAN TVYGLGFSSE HHLKFAEFK QEFKEAARLA
 KEKSQEKMEL TSTPSQESAG GDLQSPLTPE SINGTDDERT PDVTQNSEPR
 AEPTQNALPF SHSSAISKHW EAELATLKGN NAKLTAALLE STANVKQWKQ
 QLAAYQEEAE RLHKRVTELE CVSSQANAVH THKTELNQTI QELEETLKLK
 EEEIERLKQE IDNARELQEQ RDSLTLQKLQE VEIRNKDLEG QLSDLEQRLE
 KSQNEQEAFR NNLKTLLEIL DGKIFELTEL RDNLAKLLEC S

Sequence Similarities Belongs to the Homer family.Contains 1 WH1 domain.

Full Length Full L.

GENE INFORMATION

Gene Name [HOMER1 homer homolog 1 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [HOMER1](#)

Synonyms HOMER1; homer homolog 1 (Drosophila); homer protein homolog 1; HOMER 1B; SYN47; Ves 1;

Gene ID [9456](#)

mRNA Refseq [NM_004272](#)

Protein Refseq [NP_004263](#)

MIM [604798](#)

Uniprot ID [Q86YM7](#)

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**Chromosome
Location**

5q14.2

Pathway

Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem;

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