

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

acids

FQIDPNTKKN WVPTSKHAVT VSYFYDSTRN VYRIISLDGS KAIINSTITP
 NMTFTKTSQK FGQWADSRAN TVYGLGFSSE HHLSKFAEKF QEFKEAARLA
 KEKSQEKMEL TSTPSQESAG GDLQSPLTPE SINGTDDERT PDVTQNSEPR
 AEPTQNALPF SHSSAISKHW EAELATLKGN NAKLTAALLE STANVKQWKQ
 QLAAYQEEAE RLHKRVTELE CVSSQANAVH THKTELNQTI QELEETLKLK
 EEEIERLKQE IDNARELQEQ RDSLTQKLQE 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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Chromosome
Location**

5q14.2

Pathway

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA