

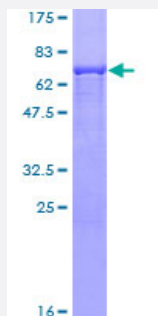
Full-Length

HOMER2 (Human) Recombinant Protein (P01)

Catalog # H00009455-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HOMER2 full-length ORF (NP_004830.2, 1 a.a. - 343 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGEQPIFTTRAHVVFQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAKVIINSTITPNMTFT
KTSQKFGQWADSRANTVFGLGFSSEQQLTKFAEKQEVKEAAKAKDKTQEKIETSSNHSQASS
VNGTDDEKASHAGPANTHLKSENDKLKIALTQSAANVKKWEIELQTLRESNARLTALQESAASV
EQWKRQFSICRDENDRLRNKIDEEQCSEINREKEKNTQLKRRIEELEAELREKETELKDLRKQS
EIIPQLMSECEYVSEKLEAAERDNQNLEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDGKIDDL
HDFRRGLSKLGTDN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.9

Interspecies Antigen Sequence

Mouse (91); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HOMER2

Entrez GeneID[9455](#)**GeneBank Accession#**[NM_004839.2](#)**Protein Accession#**[NP_004830.2](#)**Gene Name**

HOMER2

Gene Alias

ACPD, CPD, HOMER-2, HOMER2A, HOMER2B, Vesl-2

Gene Description

homer homolog 2 (Drosophila)

Omim ID[604799](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function. The encoded protein may be involved in cell growth. Four transcript variants encoding distinct isoforms have been identified for this gene . [provided by RefSeq]

Other Designations

cupidin|homer 2|homer homolog 3|homer, neuronal immediate early gene, 2

Disease

- [Alcoholism](#)

- [Cocaine-Related Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Schizophrenia](#)