

Recombinant Human SH3GL2

Cat. No. SH3GL2-30062TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SH3GL2 with proprietary tag at N-terminal; Predicted MW 64.79kDa.
Species	Human
Source	Wheat Germ
ProteinLength	352 amino acids
Description	Endophilin-A1 is a protein that in humans is encoded by the SH3GL2 gene.
Molecular Weight	64.790kDa inclusive of tags
Tissue specificity	Brain, mostly in frontal cortex. Expressed at high level in fetal cerebellum.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MSVAGLKKQFHKATQKVSEKVGGAEGTKLDDDFKEMERKV DVTSRAVMEIMTKTIE

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YLQPNPASRAKLSMINTMSKIRGQ EKGPGYPQAEALLAEAMLKFGRELGDDCNFGP
 ALGEVGEA MRELSEVKDSLIDIEVKQNFIDPLQNLHDKDLREIQHHLKK LEGRRLDFD
 YKKKRQGGKIPDEELRQALEKFDESKEIAESS MFNLLEMDIEQVSQLSALVQAQLEYH
 KQAVQILQQVTVRL EERIRQASSQPRREYQPKPRMSLEFPTGDSTQPNGGLSHT G
 TPKPSGVQMDQPCCRALYDFEPENEGELGFKEGDIITLT NQIDENWYEGMLHGHS
 GFFPINYVEILVALPH

**Sequence
Similarities**

Belongs to the endophilin family.Contains 1 BAR domain.Contains 1 SH3 domain.

GENE INFORMATION

Gene Name SH3GL2 SH3-domain GRB2-like 2 [Homo sapiens]

Official Symbol SH3GL2

Synonyms SH3GL2; SH3-domain GRB2-like 2; endophilin-A1; CNSA2; EEN B1; SH3D2A; SH3P4;

Gene ID 6456

mRNA Refseq NM_003026

Protein Refseq NP_003017

MIM 604465

Uniprot ID Q99962

**Chromosome
Location** 9p22

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Pathway	Axon guidance, organism-specific biosystem; Clathrin derived vesicle budding, organism-specific biosystem; Developmental Biology, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem;
Function	identical protein binding; lipid binding; protein binding;

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