

Recombinant Human SH3GL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SH3GL1-2104H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SH3GL1 MS Standard C13 and N15-labeled recombinant protein (NP_003016) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the endophilin family of Src homology 3 domain-containing proteins. The encoded protein is involved in endocytosis and may also play a role in the cell cycle. Overexpression of this gene may play a role in leukemogenesis, and the encoded protein has been implicated in acute myeloid leukemia as a fusion partner of the myeloid-lymphoid leukemia protein. Pseudogenes of this gene are located on the long arm of chromosomes 11 and 17. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	41.5 kDa
AA Sequence	MSVAGLKKQFYKASQLVSEKVGGAEGTKLDDDFKEMEKKVDVTSKAVTEVLARTIE YLQPNPASRAKL TMLNTVSKIRGQVKNP GYPQSEGLLGECMIRHGKELGGESNFGD ALLDAGESMKRLAEVKDSL DIEVKQNFIDPLQNLCEKDLKEIQHHLKKLEGRRLDFDY KKKRQGKIPDEELRQALEKFEE SKEVAETSMHNLLET DIEQVSQLSALVDAQLDYHR QAVQILDELA EKLKRRMREASSRPKREYKPKPREPFDLGEPEQSNGGFPCTTAPKIA

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ASSSFRSSDKPIRTPSRSMPPLDQPSCKALYDFEPENDGELGFHEGDVITLTNQIDE
NWYEGMLDGQSGFFPLSYVEVLVPLPQTRTRPLEQKLISEEDLAANDILDYKDDDDK
V

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SH3GL1 SH3-domain GRB2-like 1 [Homo sapiens (human)]

Official Symbol SH3GL1

Synonyms SH3GL1; SH3-domain GRB2-like 1; endophilin-A2; CNSA1; EEN; extra 11 19 leukemia fusion; fusion partner of MLL; MGC111371; SH3 domain GRB2 like 1; SH3 containing Grb 2 like 1 protein; SH3 containing protein EEN; SH3D2B; SH3P8; endophilin-2; SH3 domain protein 2B; EEN fusion partner of MLL; extra 11-19 leukemia fusion; SH3-containing Grb-2-like 1 protein; SH3 domain-containing GRB2-like protein 1; extra eleven-nineteen leukemia fusion gene protein;

Gene ID 6455

mRNA Refseq NM_003025

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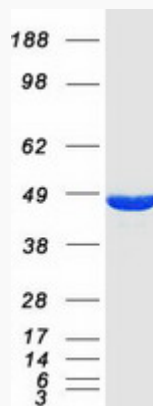
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Protein Refseq NP_003016

MIM 601768

UniProt ID Q99961

SDS-PAGE



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