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 YLQPNPASRAKLTMLNTVSKIRGQVKNPGYPQSEGLLGECMIRHGKELGGESNFGD ALLDAGESMKRLAEVKDSLDIEVKQNFIDPLQNLCEKDLKEIQHHLKKLEGRRLDFDY KKKRQGKIPDEELRQALEKFEESKEVAETSMHNLLETDIEQVSQLSALVDAQLDYHR QAVQILDELAEKLKRRMREASSRPKREYKPKPREPFDLGEPEQSNGGFPCTTAPKIA

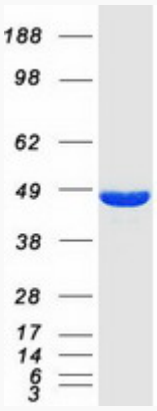
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	ASSSFRSSDKPIRTPSRSMPPLDQPSCKALYDFEPENDGELGFHEGDVITLTNQIDENWYEGMLDGQSGFFPLSYVEVLVPLPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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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Protein Refseq	NP_003016
MIM	601768
UniProt ID	Q99961
SDS-PAGE	

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