

Recombinant Full Length Human SH3GL1 Protein, C-Flag-tagged

Cat. No. SH3GL1-1185HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SH3GL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.3 kDa
AA Sequence	MSVAGLKKQFYKASQLVSEKVGGAEGTKLDDDFKEMEKKVDVTSKAVTEVLARTIE YLQPNPASRAKLTM LNTVSKIRGQVKNPQSEGLLGECMIRHGKELGGESNFG DALLDAGESMKRLAEVKDSL DIEVKQNF I DPLQNLCEKDLKEIQHHLKKLEGRRLDF DYKKKRQGKIPDEELRQALEKFEESEKVAETSMHNLLET DIE QVSQLSALVDAQLDY

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HRQAVQILDELAELKRRMREASSRPKREYKPKPREPFDLGEPEQSNGGFPCTTA
PKIAASSSFRSSDKPIRTPSRSMPLDQPSCKALYDFEPENDGELGFHEGDVITLTN
QIDENWYEGMLDG
QSGFFPLSYVEVLVPLPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Endocytosis
Full Length	Full L.

GENE INFORMATION

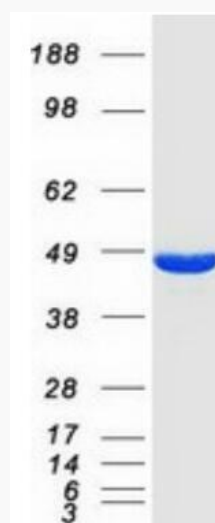
Gene Name	SH3GL1 SH3 domain containing GRB2 like 1, endophilin A2 [Homo sapiens (human)]
Official Symbol	SH3GL1
Synonyms	EEN; CNSA1; SH3P8; SH3D2B

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Gene ID	6455
mRNA Refseq	NM_003025.4
Protein Refseq	NP_003016.1
MIM	601768
UniProt ID	Q99961



Coomassie blue staining of purified SH3GL1 protein.