

**AR51753PU-S****Human Endophilin-A3 (1-347, His-tag) - Purified****Alternate names:**

CNSA3, EEN-B2, Endophilin-3, SH3 domain protein 2C, SH3 domain-containing GRB2-like protein 3, SH3D2C, SH3GL3

**Quantity:**

0.1 mg

**Concentration:**

1.0 mg/ml (determined by Bradford assay)

**Background:**

SH3GL3 belongs to the endophilin family. This protein contains 1 BAR domain and 1 SH3 domain. It implicated in endocytosis and may recruit other proteins to membranes with high curvature.

**Uniprot ID:**[Q99963](#)**NCBI:**[NP\\_003018](#)**GeneID:**[6457](#)**Species:**

Human

**Source:**

E. coli

**Format:****State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** Liquid. In PBS (pH 7.4) containing 10% glycerol, 1mM DTT.**Description:**

Recombinant human SH3GL3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**MGSSHHHHHH SSGLVPRGSH MGSMSVAGLK KQFHKASQLF SEKISGAEGT KLDDEFLDME  
RKIDVTNKVV AEILSKTTEY LQPNPAYRAK LGMLNTVSKI RGQVKTGYP QTEGLLDGCM  
LKYGKELGED STFGNALIEV GESMKLMAEV KDSLDINVKQ TFIDPLQLLQ DKDLKEIGHH  
LKKLEGRRLD YDYKKKRVGK IPDEEVRQAV EKFEESKELA ERSMFNFLEN DVEQVSQ LAV  
FIEAALDYHR QSTEILQELQ SKLQMRISAA SSVPRREYKP RPKRSSSEL NGVSTTSVVK  
TTGSNIPMDQ PCCRGLYDFE PENQGELGFK EGDITLTNQ IDENWYEGMI HGESGFFPIN  
YVEVIVPLPQ**Molecular weight:** 41.7 kDa (370aa) confirmed by MALDI-TOF.**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Sittler A, Walter S, et al. (1998). Mol Cell. 2(4):427-36.

Pictures:

