

## Product datasheet for **AR50330PU-S**

### Endophilin-A1 (1-352, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Endophilin-A1 (1-352, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMSVAGL KKQFHKATQK VSEKVGGAEG TKLDDDFKEM ERKVDVTSRA VMEIMTKTIE YLQPNPASRA KLSMINTMSK IRGQEKGPY PQAEALLAEA MLKFGRELGD DCNFGPALGE VGEAMRELSE VKDSL DIEVK QNFIDPLQNL HDKDLREIQH HLLKLEGRRL DFDYKKKRQG KIPDEELRQA LEKFDESKEI AESSMFNLL E MDIEQVSQLS ALVQAQLEYH KQAVQILQQV TVRLEERIRQ ASSQPRREYQ PKPRMSLEFP TGDSTQPNGG LSHTGTPKPS GVQMDQPCCR ALYDFEPENE GELGFKEGDI ITLTNQIDEN WYEGMLHGHS GFFPINYVEI LVALPH
Tag:	His-tag
Predicted MW:	42.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 1 mM DTT, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SH3GL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_003017</a>
Locus ID:	6456
UniProt ID:	<a href="#">Q99962</a> , <a href="#">Q7Z376</a>
Cytogenetics:	9p22.2



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**Synonyms:** CNSA2; EEN-B1; SH3D2A; SH3P4

**Summary:** Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature. Required for BDNF-dependent dendrite outgrowth. Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes. [UniProtKB/Swiss-Prot Function]

**Protein Pathways:** Endocytosis

**Product images:**

