

## Product datasheet for **AR50638PU-N**

### Endophilin-B2 (1-395, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Endophilin-B2 (1-395, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMDFNMKK LASDAGIFFT RAVQFTEEFK GQAEKTELDA HFENLLARAD STKNWTEKIL RQTEVLLQPN PSARVEEFY EKLDRKVPSR VTNGELLAQY MADAASELGP TTPYGKTLIK VAEAEKQLGA AERDFIHTAS ISFLTPLRNF LEGDWKTISK ERRLLQNRRL DLDACKARLK KAKAAEAKAT TVPDFQETRP RNYILSASAS ALWNDEVDKA EQELRVAQTE FDRQAEVTRL LLEGISSTHV NHLRCLHEFV KSQTTYAAQC YRHMLDLQKQ LGRFPGTFVG TTEPASPLS STSPTTAAAT MPVWPSVASL APPGEASLCL EEVAPPASGT RKARVLYDYE AADSSELALL ADELITVYSL PGMDDPWIG ERGNKKGKVP VTYLELLS
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	46.4 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human SH3GLB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001273974</a>
<b>Locus ID:</b>	56904
<b>UniProt ID:</b>	<a href="#">Q9NR46</a>



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Cytogenetics: 9q34.11

Synonyms: PP6569; PP9455; RRIG1

**Summary:** Endophilin-B2, also known as SH3GLB2, is a member of the endophilin B subgroup. The endophilins comprise a family of proteins that associate with amphiphysin, synaptojanin and dynamin and are implicated in presynaptic vesicle trafficking at nerve terminals. The expression patterns of the endophilins are consistent with their cellular functions at the neuronal synapse. SH3GLB2 is ubiquitously expressed but shows highest levels in brain, adult lung, ovary, and spinal cord. A decreased level of SH3GLB2 is found in Down syndrome and may reflect brain dysgenesis.

**Protein Pathways:** Endocytosis

### Product images:

