

Product datasheet for AR50638PU-N

OriGene Technologies, Inc.

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

Product data:

Product Type: Recombinant Proteins

Description: Endophilin-B2 (1-395, His-tag) human recombinant protein, 0.5 mg

Species: Human **Expression Host:** E. coli

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MGSMDFNMKK LASDAGIFFT RAVQFTEEKF GQAEKTELDA or AA Sequence: HFENLLARAD STKNWTEKIL RQTEVLLQPN PSARVEEFLY EKLDRKVPSR VTNGELLAQY

MADAASELGP TTPYGKTLIK VAEAEKQLGA AERDFIHTAS ISFLTPLRNF LEGDWKTISK ERRLLQNRRL

DLDACKARLK KAKAAEAKAT TVPDFQETRP RNYILSASAS ALWNDEVDKA EQELRVAQTE FDRQAEVTRL LLEGISSTHV NHLRCLHEFV KSQTTYYAQC YRHMLDLQKQ LGRFPGTFVG

TTEPASPPLS STSPTTAAAT MPVVPSVASL APPGEASLCL EEVAPPASGT RKARVLYDYE AADSSELALL

ADELITVYSL PGMDPDWLIG ERGNKKGKVP VTYLELLS

Tag: His-tag Predicted MW: 46.4 kDa Concentration: lot specific

>85% by SDS - PAGE **Purity:**

Buffer: 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

Preparation: Liquid purified protein

Protein Description: Recombinant human SH3GLB2 protein, fused to His-tag at N-terminus, was expressed in

E.coli and purified by using conventional chromatography techniques.

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

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001273974

56904 Locus ID: UniProt ID: Q9NR46





Cytogenetics: 9q34.11

Synonyms: PP6569; PP9455; RRIG1

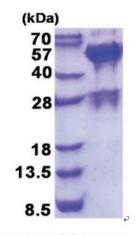
Summary: Endophilin-B2, also known as SH3GLB2, is a member of the endophilin B subgroup. The

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:



15% SDS-PAGE (3ug)