

SH3GL3, 1-347aa, Human, His tag, E.coli

Cat.NO.: TP03927

3th Edition

Synonyms:Endophilin-A3, CNSA3, EEN-2B-L3, EEN-B2, HsT19371, SH3D2C SH3P13

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

Form:Liquid. In PBS (pH 7.4) containing 10% glycerol, 1mM DTT.

Molecular Weight:41.7 kDa (370aa) confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMVAGLKKQFHKASQLFSEKISGAEGTKLDDEFDMERKIDVTNKVVAEILS
KTTEYLQPNPAYRAKLGMLNTVSKIRGQVKTTGYPQTEGLLGDCMLKYGKELGEDSTFGNALIEVGESMKLMAEVK
DSL DINVKQTFIDPLQLLQDKDLKEIGHHLKLEGRRLDYDYKKKRVGKIPDEEVRQAVEKFEESKELAERSMFNFLE
NDVEQVSQLAVFIEAALDYHRQSTEILQELQSKLQMRISAASSVPRREYKPRPVKRSSSELNGVSTTSVVKTTGSNI
PMDQPCCRGLYDFEPENQGELGFKEGDIITLTNQIDENWYEGMIHGEGSFFPINYVEVIVPLPQ

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.