

FHL2, 1-279aa, Human, His tag, E.coli

Cat.NO.: TP02127

3th Edition

Synonyms:Four and a half LIM domains 2, AAG11, DRAL, FHL-2, SLIM-3, SLIM3

Description:FHL2 is a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. This protein is thought to have a role in the assembly of extracellular membranes. Also, this gene is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the encoded protein may function as a link between presenilin-2 and an intracellular signaling pathway. Multiple alternatively spliced variants, encoding the same protein, have been identified. Recombinant human FHL2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:34.6kDa (302aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMTERFDCHHCNESLFGKKYILREESPYCVVCFETLFANTCEECKGKPIGCDCK
DLSYKDRHWHEACFHCSQCRNSLVDKPFPAKEDQLLCTDCYSNEYSSKCQECKKTIMPGTRKMEYKGSSWHETC
FICHRQCQPIGTSFIPKDNQNFVPCYEKQHMQCVQCKKPITGGVTYREQPWHKECFVCTACRKQLSGQRFT
ARDDFAYCLNCFCDLYAKKCAGCTNPISGLGGTKYISFEERQWHNDCFNCKKCSLSLVGRGFLTERDDILCPDCGK
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Purity:> 95% by HPLC

Concentration:0.5 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.