
Product Data Sheet

Product Name: FHL2 Human
 Cat. No.: GP23497
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	AAG11; DRAL; FHL-2; SLIM-3; SLIM3; Four and a half LIMdomains protein 2; LIM domain protein DRAL; Skeletal muscle LIM-protein 3; FHL2; RNA Binding Motif Protein 18; RNA-Binding Motif Protein 18; RBM18.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMTERFDC HHCNESLFGK KYILREESPY CVVCFETLFA NTCEECGKPIGCDCKDLSYK DRHWHEACFH CSQCRNSLVD KPFAAKEDQL LCTDCYSNEY SSKCQECKKT IMPGTRKMEYKGSSWHETCF ICHRCQQPIG TKSFIPKDNQ NFCVPCYEKQ HAMQCVQCKK PITTGGVTYR EQPWHKECFV CTACRKQLSG QRFTARDDFAYCLNCFCDLY AKKCAGCTNP ISGLGGTKYI SFEERQWHND CFNCKKCSLS LVGRGFLTER DDILCPDCGK DI.		
Formulation	FHL2 protein solution (0.5mg/ml) containing 20mM Tris-HClbuffer (pH 8.0) and 10% glycerol.		

Introduction

Four And A Half LIM Domains 2 (FHL2) belongs to the four-and-a-half-LIM-only protein family. Family members are comprised of 2 highly conserved, tandemly arranged, zinc finger domains with 4 highly conserved cysteines binding a zinc atom in each zinc finger. The FHL2 protein is assumed to play a part in the assembly of extracellular membranes. Furthermore, FHL2 is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the FHL2 functions as a link between presenilin-2 and an intracellular signaling pathway.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

FHL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (1-279 a.a) and having a molecular mass of 34.6kDa. FHL2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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