

Product datasheet for PH300732

Fibrillarin (FBL) (NM_001436) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FBL MS Standard C13 and N15-labeled recombinant protein (NP_001427)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200732
Predicted MW:	33.6 kDa
Protein Sequence:	>RC200732 representing NM_001436 Red=Cloning site Green=Tags(s) MKPGFSPRGGGF GGRGGFGDRGGRGGRGGFGGGRGRRGGGGGGGGGGGGGGGGGGFHSGGNR GRGRGGKRGNGSGKNVMVEPHRHEGVFICRGKEDALVTKNLVPGESVYGEKRVSISEGDDKIEYRAWNPF RSKLAAAILGGVDQIHIKPGAKVLYLGAASGTTVSHVSDIVGPDGLVYAVEFSHRSGRDLINLAKKRTNI IPVIEDARHPHKYRMLIAMVDVIFADVAQPDQTRIVALNAHTFLRNGGHFVISIKANCIDSTASAEAVFA SEVKKMQQENMKPQEQLTLEPYERDHAVVVGVRPPPKVKV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001427
RefSeq Size:	1135
RefSeq ORF:	963
Synonyms:	FIB; FLRN; Nop1; RNU3IP1
Locus ID:	2091



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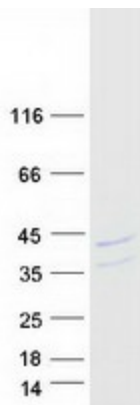
UniProt ID: [P22087](#)

Cytogenetics: 19q13.2

Summary: This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. The encoded protein contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarlin. [provided by RefSeq, Jul 2008]

Protein Families: Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified FBL protein (Cat# [TP300732]). The protein was produced from HEK293T cells transfected with FBL cDNA clone (Cat# [RC200732]) using MegaTran 2.0 (Cat# [TT210002]).