

## Product datasheet for PH307521

### BLU (ZMYND10) (NM\_015896) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ZMYND10 MS Standard C13 and N15-labeled recombinant protein (NP_056980)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207521
Predicted MW:	50.3 kDa
Protein Sequence:	>RC207521 protein sequence Red=Cloning site Green=Tags(s)

MGDLELLLPGEAEVLVRGLRSFPLREMGSEGWNQQHENLEKLNMQAILDATVSQGEPIQELLVTHGKVP  
LVEELIAVEMWKQKVPVFCRVEDFKPQNTFPIYMVVHHEASIIINLLETVFFHKEVCESAEDTVLVDY  
CHRKLTLLVAQSGCGPPEGEGSQDSNPMQELKQQAELMEFEIALKALSVLRYITDCVDSLSTLSRML  
STHNLPCLLVELLEHSPWSRREGGKLQFEGSRWHTVAPSEQQKLSKLDGQVWIALYNLLSPEAQARYC  
LTSFAKGRLLKLAFLTDLLDQLPNLAHLQSFLAHLTLTETQPPKDLVLEQIPEIWERLERENRGKWQ  
AIAKHQLQHVFSPEQDLRLQARRWAETYRLDVLEAVAPERPRCAYSAEASKRCSRCQNEWYCCRECQV  
KHWEKHGKTCVLAQGDRAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_056980</a></u>
RefSeq Size:	1780
RefSeq ORF:	1320
Synonyms:	BLU; CILD22; DNAAF7; FLU



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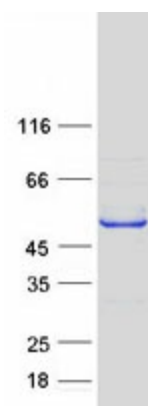
Locus ID: 51364

UniProt ID: [O75800](#)

Cytogenetics: 3p21.31

**Summary:** This gene encodes a protein containing a MYND-type zinc finger domain that likely functions in assembly of the dynein motor. Mutations in this gene can cause primary ciliary dyskinesia. This gene is also considered a tumor suppressor gene and is often mutated, deleted, or hypermethylated and silenced in cancer cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]

### Product images:



Coomassie blue staining of purified ZMYND10 protein (Cat# [TP307521]). The protein was produced from HEK293T cells transfected with ZMYND10 cDNA clone (Cat# [RC207521]) using MegaTran 2.0 (Cat# [TT210002]).