

## Product datasheet for PH319237

### FBXO44 (NM\_183413) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FBXO44 MS Standard C13 and N15-labeled recombinant protein (NP_904320)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219237
Predicted MW:	25.7 kDa
Protein Sequence:	>RC219237 protein sequence Red=Cloning site Green=Tags(s)  MAVGNINELPENILLELFTHVPARQLLLNCRLVCSLWRDLIDLVTLWKRKCLREGFITEDWDQPVADWKI FYFLRSLHRNLLHNPCAEEGFVWVSLDVNGGDEWKVEDLSRDQRKEFPNDQVRSQARLRVQVPAVRSAPV VRARASGDLPARPGDHPAEERCQVEGGLPHILQLPARRPLHLVSARRRGHSLGLRVRPEGHQQQHHHRA PAALTPPEPPSAEP  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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<a href="#">NP_904320</a>
RefSeq Size:	2823
RefSeq ORF:	672
Synonyms:	FBG3; FBX6A; FBX30; Fbx44; Fbxo6a
Locus ID:	93611
UniProt ID:	<a href="#">Q9H4M3</a> , <a href="#">A0A024R4J6</a>



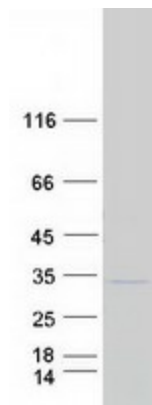
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Cytogenetics: 1p36.22

**Summary:** This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. It is also a member of the NFB42 (neural F Box 42 kDa) family, similar to F-box only protein 2 and F-box only protein 6. Several alternatively spliced transcript variants encoding two distinct isoforms have been found for this gene. [provided by RefSeq, Feb 2015]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified FBXO44 protein (Cat# [TP319237]). The protein was produced from HEK293T cells transfected with FBXO44 cDNA clone (Cat# [RC219237]) using MegaTran 2.0 (Cat# [TT210002]).