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Product datasheet for PH303518

FBXO31 (NM_024735) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FBXO31 MS Standard C13 and N15-labeled recombinant protein (NP_079011)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203518
Predicted MW:	41.7 kDa
Protein Sequence:	RC203518
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:	NP_079011
RefSeq Size:	5990
RefSeq ORF:	1101
Synonyms:	FBX14; Fbx31; FBXO14; MRT45; pp2386
Locus ID:	79791
UniProt ID:	Q5XUX0
Cytogenetics:	16q24.2

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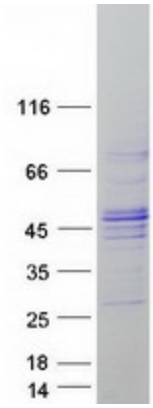
Summary: This gene is a member of the F-box family. Members are classified into three classes according to the substrate interaction domain, FBW for WD40 repeats, FBL for leucing-rich repeats, and FBXO for other domains. This protein, classified into the last category because of the lack of a recognizable substrate binding domain, has been proposed to be a component of the SCF ubiquitination complex. It is thought to bind and recruit substrate for ubiquitination and degradation. This protein may have a role in regulating the cell cycle as well as dendrite growth and neuronal migration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FBXO31 protein (Cat# [TP303518]). The protein was produced from HEK293T cells transfected with FBXO31 cDNA clone (Cat# [RC203518]) using MegaTran 2.0 (Cat# [TT210002]).