

Product datasheet for PH308458

FBXO4 (NM_012176) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FBXO4 MS Standard C13 and N15-labeled recombinant protein (NP_036308)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208458
Predicted MW:	44.1 kDa
Protein Sequence:	>RC208458 protein sequence Red=Cloning site Green=Tags(s)

MAGSEPRSGTNSPPPPFSDWGRLEAAILSGWKTFWQSVSKERVARTTSREEVDEAASTLTRLPIDVQLYI
LSFLSPHDLQGLSTNHYNWNETVRDPIWRYFLLRDLPWSSVDWKSPLDLEILKKPISEVTDGAFFDYM
AVYRMCCPYTRRASKSSRPMYGAVTSFLHSLIIQNEPRFAMFGGLEELNTSLVLSLMSSEELCPTAGLP
QRQIDGIGSGVNFQLNQHKNILILYSTTRKERDRAREEHTSAVNKMF SRHNEGDDQQGSRYVIPQIQ
KVCEVVDGFIYVANAEAHKRHEWQDEF SHIMAMTDPAFGSSGRPLLVLSCISQGDVKRMPFCFYLAHELHL
NLLNHPWLVDTEAETLTGFLNGIEWILEEVESKRAR

SGP 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:	<u>NP_036308</u>
RefSeq Size:	1523
RefSeq ORF:	1161
Synonyms:	FBX4
Locus ID:	26272



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UniProt ID: [Q9UKT5](#), [B3KNA0](#)

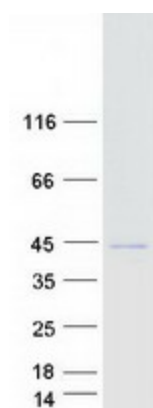
Cytogenetics: 5p13.1

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified FBXO4 protein (Cat# [TP308458]). The protein was produced from HEK293T cells transfected with FBXO4 cDNA clone (Cat# [RC208458]) using MegaTran 2.0 (Cat# [TT210002]).