

Product datasheet for PH306437

MX2 (NM_002463) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MX2 MS Standard C13 and N15-labeled recombinant protein (NP_002454)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206437
Predicted MW:	82.1 kDa
Protein Sequence:	>RC206437 protein sequence Red=Cloning site Green=Tags(s)
	MSKAHKWPYRRRSQFSSRKYLKEMNSFQQPPFFGTVPPQMMFPPNWQGAEKDAAFLAKDFNFLTNN QPPPGNRSQPRAMGPNLNSQYEQKVRPCIDLIDSLRALGVEQDLALPAIAVIGDQSSGKSSVLEALSG VALPRGSGIVTRCPLVLKLLKQPCEAWAGRISYRNTELELQDPGQVEKEIHKAQNV MAGNRRGISHELIS LEITSPEVPLTIIDLPGITRVAVDNQPRDIGLQIKALIKKYIQRQQTINLVVPCNVDIATTEALSMAH EVDPEGDRITIGILTKPDLMDRGTEKSMNVVRNLTYPLKKGMIKCRGQQEITNRLSLAEATKKEITFF QTHPYFRVLLLEEGSATVPRLAERLTTELIMHIQKSLPLLEGQIRESHQKATEELRRCGADIPSQEADKMF FLIEKIKMFNQDIEKLVEGEEVVRENETRLYNKIREDFKNWVGILATNTQKVKNIIEEVEKYEQYRKG ELLGFVNYKTFEIVHQYIQQLVEPALSMQKAMEIIQQAFINVAKKHFGFFNLNQTQVQSTIEDIKVKH TAKAENMIQLQFRMEQMVFCQDQIYSVVLKVVREEIFNPLGTPSQNMKLNHFPSPNESSVSFTEIGIHL NAYFLETSKRLANQIPFIIQYFMLRENGDSLQKAMMQILQEKNRYSWLLQEQSETATKRRLKERIYRLT QARHALCQFSSKEIH
	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- 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_002454



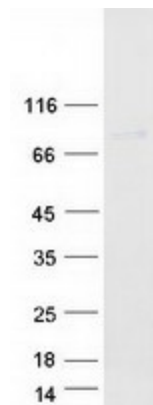
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RefSeq Size:	2961
RefSeq ORF:	2145
Synonyms:	MXB
Locus ID:	4600
UniProt ID:	P20592
Cytogenetics:	21q22.3

Summary: The protein encoded by this gene has a nuclear and a cytoplasmic form and is a member of both the dynamin family and the family of large GTPases. The nuclear form is localized in a granular pattern in the heterochromatin region beneath the nuclear envelope. A nuclear localization signal (NLS) is present at the amino terminal end of the nuclear form but is lacking in the cytoplasmic form due to use of an alternate translation start codon. This protein is upregulated by interferon-alpha but does not contain the antiviral activity of a similar myxovirus resistance protein 1. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MX2 protein (Cat# [TP306437]). The protein was produced from HEK293T cells transfected with MX2 cDNA clone (Cat# [RC206437]) using MegaTran 2.0 (Cat# [TT210002]).