

Product datasheet for PH308460

Arp3 (ACTR3) (NM_005721) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACTR3 MS Standard C13 and N15-labeled recombinant protein (NP_005712)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208460
Predicted MW:	47.4 kDa
Protein Sequence:	>RC208460 protein sequence Red=Cloning site Green=Tags(s)

MAGRLPACVVDCGTGYTKLGYAGNTEPQFIIPSCIAIKESAKVGDQAQRRVMKGVDDLDFFIGDEAIEKP
TYATKWPIRHGIVEDWDLMERFMEQVIFKYLRAEPEDHYFLLTEPPLNTPENREYTAEIFESFNVPGLY
IAVQAVLALAASWTSRQVGERTLTGTVIDSGDGVTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLRD
REVGPPEQSLETAKAVKERYSYVCPDLVKEFNKYDTDGSKWIKQYTGINAISKKEFSIDVGYERFLGPE
IFFHPEFANPDFTQPISEVVDEVIQNCPIDVRRPLYKNIIVLGGSTMFRDFGRRLQRDLKRTVDARLKLS
EELSGGRLKPKPIDVQVITHMQRYAVWFGGSMMLASTPEFYQVCHTKKDYEEIGPSICRHNPFVGVMS

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_005712</u>
RefSeq Size:	5708
RefSeq ORF:	1254
Synonyms:	ARP3
Locus ID:	10096



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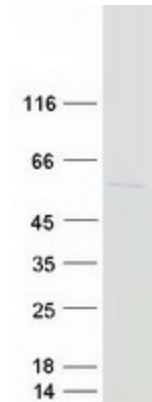
UniProt ID: [P61158](#), [A0A024RA11](#)

Cytogenetics: 2q14.1

Summary: The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ACTR3 protein (Cat# [TP308460]). The protein was produced from HEK293T cells transfected with ACTR3 cDNA clone (Cat# [RC208460]) using MegaTran 2.0 (Cat# [TT210002]).