

Product datasheet for PH316211

WHAMM (NM_001080435) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WHAMM MS Standard C13 and N15-labeled recombinant protein (NP_001073904)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216211
Predicted MW:	90.7 kDa
Protein Sequence:	>RC216211 representing NM_001080435 Red =Cloning site Green =Tags(s)

MEDEQPDSELEGWVPVREGLFAEPERHRLRFLVAWNGAEGKFAVTDCHDRTAQQRRLREGARLGPEPEPKPE
 AAVSPSSWAGLLSAAGLRGAHRQLAALWPPLERCFRPLPELDVGGGAWGLGLGLWALLWPTRAGPGEA
 ALQELCGQLERYLGAAADGCGGATVRDALFPAEGGAADCESPREFRERALARWVEADARLRQVIQGHGK
 ANTMVALMNVYQEEDEAYQELVTVMFFQYLLQPFRAMREVATLCKLDILKSLDEDDLGP RRVVVALEKE
 AEEWTRRAEEAVVSIQDITVNYFKETVKALAGMQKEME QDAKRFQAAWATAIPRLEKLQMLARETLQL
 MRAKELCLNHKRAEIQGKMEDLPEQEKNTNVVDELEIQFYEIQLELYEVKFEILKNEEILLTTQLDSLKR
 LIKEKQDEVVYDPCENPEELKVIDCVVGLQDDKNLEVKELRRQCQQLLESKRGRICAKRASLRSRKDQCK
 ENHRFRLQQAEE SIRYSRQHHSIQMKRDKIKEEEQKKKEWINQERQKTLQRLRSFKDKRLAQSVRNTSGS
 EPVAPNLPSDL SQQMCLPASHAVSVIHPSSRKTRGVPLSEAGNVKSPKCQNGHNI PVQVFVPVGDQTHS
 KSSEELSLPPPPPPPPPPPPPPPPPPPLRALSSSSQAATHQNLGFRAPVKDDQPRPLVCESPAERPRDS
 LESFSCPGSMDEVLASLRHGRAPLRKVEVPAVRPPHASINEHILAAIRQGVKLKKVHPDLGPNPSSKPTS
 NRRTSDLERSIKAALQRIKRV SADSEEDSDEQDPGQWDG

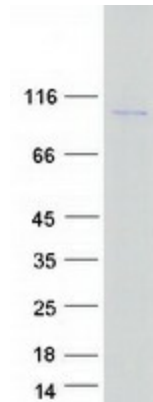
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	NP_001073904


[View online »](#)

RefSeq Size:	4261
RefSeq ORF:	2427
Synonyms:	WHAMM1; WHDC1
Locus ID:	123720
UniProt ID:	Q8TF30
Cytogenetics:	15q25.2
Summary:	This gene encodes a protein that plays a role in actin nucleation, Golgi membrane association and microtubule binding. The encoded protein is a nucleation-promoting factor that regulates the Actin-related protein 2/3 complex. The activated complex initiates growth of new actin filaments by binding to existing actin filaments. The encoded protein also functions in regulation of transport from the endoplasmic reticulum to the Golgi complex and in maintenance of the Golgi complex near the centrosome. Four pseudogenes of this gene are present on the same arm of chromosome 15 as this gene. [provided by RefSeq, Aug 2013]

Product images:



Coomassie blue staining of purified WHAMM protein (Cat# [TP316211]). The protein was produced from HEK293T cells transfected with WHAMM cDNA clone (Cat# [RC216211]) using MegaTran 2.0 (Cat# [TT210002]).