

Product datasheet for PH317601

WIPF1 (NM_003387) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	WIPF1 MS Standard C13 and N15-labeled recombinant protein (NP_003378)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217601
Predicted MW:	51.1 kDa
Protein Sequence:	>RC217601 representing NM_003387 Red=Cloning site Green=Tags(s)

MPVPPPPAPPPPTFALANTEKPTLNKTEQAGRNALLSDISKGKKLKKTVTNDRSAPILDKPKGAGAGGG
GGGFGGGGFGGGGGGGGGSGGGGPPGLGGLFQAGMPKLRSTANRDNDSSGSRPPLLPPGGRSTSAKP
FSPPSGRFRFPVSPGHRSGPPEPQRNRMPRPDPVGSKPDSIPPPVPSTPRPIQSSLHNRGSPVPVGGP
RQPSGPTPPFPNGRGTALGGGSIQSPLSSSSPFSNRPPLPPTPSRALDDKPPPPPPVGNRPSIHRE
AVPPPPQNNKPPVPSTPRPSASSQAPPPPPSRGPPPLPSSSGNDETPRLPQRNLSLSSSTPPLPS
PGRSGPLPPPSERPPPPVRDPPGRSGPLPPPPVSRNGSTSRLPATPQLPSRSGVDSRSGRPPLPP
DRPSAGAPPPPPSTSIIRNGFQDSPCEDEWESRFYFHPISDLPPPEPVQTTKSYPSKLARNESRSGSNR
RERGAPPLPIPR

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:	<u>NP_003378</u>
RefSeq Size:	4605
RefSeq ORF:	1509

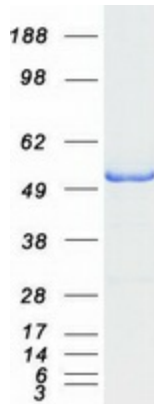


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Synonyms: PRPL-2; WAS2; WASPIP; WIP
Locus ID: 7456
UniProt ID: [O43516](#), [A0A140VJZ9](#), [Q2YDC4](#)
Cytogenetics: 2q31.1

Summary: This gene encodes a protein that plays an important role in the organization of the actin cytoskeleton. The encoded protein binds to a region of Wiskott-Aldrich syndrome protein that is frequently mutated in Wiskott-Aldrich syndrome, an X-linked recessive disorder. Impairment of the interaction between these two proteins may contribute to the disease. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified WIPF1 protein (Cat# [TP317601]). The protein was produced from HEK293T cells transfected with WIPF1 cDNA clone (Cat# [RC217601]) using MegaTran 2.0 (Cat# [TT210002]).