

Product datasheet for PH303775

SNF2H (SMARCA5) (NM_003601) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SMARCA5 MS Standard C13 and N15-labeled recombinant protein (NP_003592)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203775
Predicted MW:	121.9 kDa
Protein Sequence:	>RC203775 protein sequence Red=Cloning site Green=Tags(s)

MSSAAEPPPPPPESAPSKPAASIASGGSNSSNKGPEGVAAQAVASAASAGPADAEMEEIFDDASPGKQ
KEIQEPDPTYEEKMQTDRANRFEYLLKQTELFAHFIQPAQKTPTSPMKMPGRPRIKKDEKQNLSSVGD
YRHRRTQEEDDELLTESSKATNVCTRFEDSPSYVKWGKLRDYQVRGLNWLISLYENGINGLADEMGLG
KTLQTISSLLGYMKHYRNIPGPHMVLVPKSTLHNWSEFKRWVPTLRVCLIGDKEQRAAFVRDVLPGEW
DVCVTSYEMLIKEKSVFKFNWRYLVIDEAHRIKNEKSKLSEIVREFKTTNRLLLTGTPLNHLWLSL
LNFLLPDVFNASDDFDSWFDTNCLGDQKLVERLHMVLRPFLRRRIKADVEKSLPPKKEVKIYVGLSKMQ
REWYTRILMKDIDILNSAGKMDKMRLLNILMQLRKCCHNHPYLFDAEPGPPYTTDMHLVTNSGKMMVLDK
LLPKLKEQGSRVLIFSQMTRVLDILEDYCMWRNYEYCRLDGQTPHDERQDSINAYNEPNSTKVFVMLSTR
AGGLGINLATADVILYDSDWNPQVDLQAMDRAHRIGQTKTVRVFRFITDNTVEERIVERAEMKLRDLSI
VIQQGRLVDQNLNKIGKDEMLQIRHGATHVFAKSESEITDEDIDGILERGAKKTAEMNEKLSKMGESSL
RNFMTDESSVYNFEGEDYREKQKIAFTWIEPPKRERKANYAVDAYFREARVSEPKAPKAPRPPKQPN
VQDFQFFPRLFELLEKEILFYRKTIGYKVPNPPELPAQAQKEEQKIDEAESLNDEELEEKELLTQ
GFTNWNKRDFNQFIKANEKWRDDIENIAREVEGKTPPEVIEYSVFWERCNELQDIEKIMAIERGEAR
IQRRISIKKALDTKIGRYKAPFHQLRISYGTNKGKNTYEEEDRFLICMLHKLGFDKENVYDELQRCIRNS
PQFRFDWFLKSRAMELQRRCNTLITLIERENMELEEKEAEKKKRGPKPSTQKRKMDGAPDGRGRKKKL
KL

SGPTRRTRPLEQKLI SEEDLAANDILDYKDDDDKV

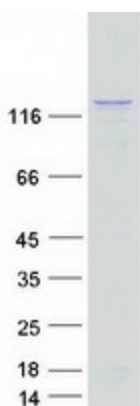
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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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_003592
RefSeq Size:	7926
RefSeq ORF:	3156
Synonyms:	hISWI; hSNF2H; ISWI; SNF2H; WCRF135
Locus ID:	8467
UniProt ID:	O60264
Cytogenetics:	4q31.21
Summary:	The protein encoded by this gene is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The protein encoded by this gene is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encoded protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein. [provided by RefSeq, Jul 2008]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified SMARCA5 protein (Cat# [TP303775]). The protein was produced from HEK293T cells transfected with SMARCA5 cDNA clone (Cat# [RC203775]) using MegaTran 2.0 (Cat# [TT210002]).