

## Product datasheet for TP303775M

### SNF2H (SMARCA5) (NM\_003601) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5 (SMARCA5), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203775 protein sequence Red=Cloning site Green=Tags(s)

MSSAAEPPPPPPESAPSKPAASIASGGSNSSNKGPEGVAAQAVASAASAGPADAEMEEIFDDASPGKQ  
KEIQEPDPTYEEKMQTDNRANRFEYLLKQTELFAHFIQPAAQKTPTSPLKMKPGRPRIKKDEKQNLLSVGD  
YRHRRTQEEDDELLTESSKATNVCTRFEDSPSYVKWGKLRDYQVRGLNWLISLYENGINGLADEMGLG  
KTLQTSISLLGYMKHYRNIPGPHMVLVVKSTLHNWMMSEFKRWVPTLRSVCLIGDKEQRAAFVRDVLPGEW  
DVCVTSYEMLIKEKSVFKFNWRYLVIDEAHRIKNEKSKLSEIVREFKTTNRLLLTGTPLQNNLHELWSL  
LNFLLPDVFNSADDFDSWFDTNCLGDQKLVERLHMVLRPFLRRRIKADVEKSLPPKKEVKIYVGLSKMQ  
REWYTRILMKDIDILNSAGKMDKMRLLNILMQLRKCCHPYLFDGAEPGPYTTDMHLVTNSGKMMVLDK  
LLPKLKEQGSRLIFSQMTRVLDILEDYCMWRNYEYCRLDGQTPHDERQDSINAYNEPNSTKVFVMLSTR  
AGGLGINLATADWILYDSDWNPQVDLQAMDRAHRIGQTKTVRVFRFITDNTVEERIVERAEMKLRDLSI  
VIQQGRLVDQNLNKIGKDEMLQMRHGHATHVFASKESIETDEDIDGILERGAKKTAEMNEKLSKMGESSL  
RNFTMDTESSVYNFEGEDYREKQKIAFTIEWIEPPKREKANYAVDAYFREARVSEPKAPKAPRPPKQPN  
VQDFQFFPRLFELLEKEILFYRKTIGYKVPNPPELNAQAQKEEQKIDEAESLNDEELEEKEKLLTQ  
GFTNWNKRDFNQFIKANEKWGRDDIENIAREVEGKTPEEVIEYSVFWERCNELQDIEKIMAQIERGEAR  
IQRRIKALDTKIGRYKAPFHQLRISYGTNKGKNTYEEEDRFICMLHLKLGFDKENVYDELRCIRNS  
PQFRFDWFLKSRTAMELQRRCNTLITLIERENMELEEKEKAEEKKRGPKPSTQKRKMDGAPDGRGRKKKL  
KL

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

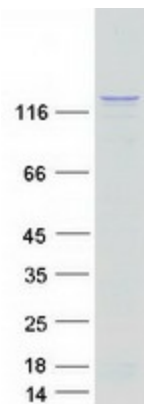
Tag:	C-Myc/DDK
Predicted MW:	121.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



[View online »](#)

<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003592</a>
<b>Locus ID:</b>	8467
<b>UniProt ID:</b>	<a href="#">O60264</a>
<b>RefSeq Size:</b>	7926
<b>Cytogenetics:</b>	4q31.21
<b>RefSeq ORF:</b>	3156
<b>Synonyms:</b>	hISWI; hSNF2H; ISWI; SNF2H; WCRF135
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).