

## Product datasheet for PH312231

### SMARCA6 (HELLS) (NM\_018063) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HELLS MS Standard C13 and N15-labeled recombinant protein (NP_060533)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212231
Predicted MW:	96.9 kDa
Protein Sequence:	>RC212231 representing NM_018063 Red=Cloning site Green=Tags(s)

MPAERPAGSGGSEAPAMVEQLDTAVITPAMLEEEEQLEAAGLERERKMLEKARMSWDRESTEIRYRRLQH  
LLEKSNIYSKFLLLTKMEQQLEEQKKEKLERKKEKSLKVKKGKNSIDASEEKPVMRKRGREDESYNISE  
VMSKEEILSVAKKNKKNEDENSSTNLCVEDLQKNKDSNSIIKDRLSETVRQNTKFFDPPVRKCNQGPV  
PFQQPKHFTGGVMRWYQVEGMEWLRMLWENGINGILADEMGLGKTQCIATIALMIQRGVPGPFLVCGPL  
STLPNWMAEFKRFTPDIPMLYHGTQEERQKLVNIIYKRKGLQIHPVVITSFEIAMRDRNALQHCYWKY  
LIVDEGHRIKNMKCRILRELKRFNADNLLLLTGTPLQNNLSELWLLNLLPDVFDLKSFESEWFDITSL  
SETAEDIIAKEREQNVLHMLHQILTPFLLRRLKSDVALEVPPKREVVVYAPLSKKQEIFYTAIVNRTIAN  
MFGSSEKETIELSPTGRPKRRTRKSINYSKIDDFPNELEKLISQIQPEVDRERAVVEVNIPVESEVNLKL  
QNIMMLLRKCCNHPYLIEYPIDPVTQEFKIDEELVTNSGKFLILDRMLPELKKRGRHKVLLFSQMTSMLDI  
LMDYCHLRDFNFSRLDGSMSYSEREKNMHSFNTDPEVIFLVSTRAGGLGINLTAADTVIYDSDWNPQS  
DLQAQDRCHRIGQTKPVVYRLVTANTIDQKIVERAAAKRKLEKLIHKNHFKGGQSGNLNLSKNFLDPKE  
LMELLKSRDYEREIKGSREKVISDKDLELLLDSDLDIDQMNASGPIKEKMGIFKILENSEDSSPECLF

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_060533</a>

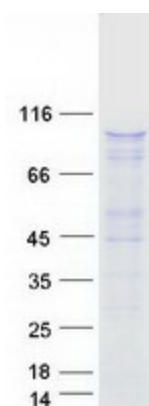


[View online »](#)

RefSeq Size:	3165
RefSeq ORF:	2514
Synonyms:	ICF4; LSH; Nbla10143; PASG; SMARCA6
Locus ID:	3070
UniProt ID:	<a href="#">Q9NRZ9</a>
Cytogenetics:	10q23.33

**Summary:** This gene encodes a lymphoid-specific helicase. Other helicases function in processes involving DNA strand separation, including replication, repair, recombination, and transcription. This protein is thought to be involved with cellular proliferation and may play a role in leukemogenesis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jan 2014]

### Product images:



Coomassie blue staining of purified HELLs protein (Cat# [TP312231]). The protein was produced from HEK293T cells transfected with HELLs cDNA clone (Cat# [RC212231]) using MegaTran 2.0 (Cat# [TT210002]).