

Product datasheet for PH318680

SFMBT2 (NM_001029880) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SFMBT2 MS Standard C13 and N15-labeled recombinant protein (NP_001025051)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218680
Predicted MW:	100.4 kDa
Protein Sequence:	>RC218680 representing NM_001029880 Red=Cloning site Green=Tags(s)

MESTLSASNMQDPSSSPLEKCLGSANGNDLDSEEGSSLEETGFNWGEYLEETGASAAPHTSFKHVEISI
QSNFQPGMKLEVANKNNPDYVWATIITTCGQLLLRLRYCGYGEDRRADFVCDVVIADLHPVGWCTQNNKV
LMPPDAIKEKYTDWTEFLIRDLTGSRTAPANLLEGPLRGKPIDLITVGSLELQDSQNPFFQYWIYSVIE
NVGGRLRLRYVGLEDTSYDQWLFYLDYRLRPVGWCQENKYRMDPPSEIYPLKMASEWKCTLEKSLIDAA
KFPLPMEVFKDHADLRSHFFTVGMKLETVMCEPFYISPAVTKVFNNHFFQVTIDDLRPEPSKLSMLCH
ADSLGILPVQWCLKNGVSLTPPKGYSQDFDWADYHKQHGAEAPPFCFRNTSFSRGFTKNMKLEAVNPR
NPGELCVASVSVKGRMLMWLHLEGLQTPVPEVIDVESMDIFPVGWCEANSYPLTAPHKTVSQKKRKIAV
VQPEKQLPPTVPVKKIPHDLCFLPHLDTTGTVNGKYCCPQLFINHRCFSGPYLNKGRIELPQSVGPGKC
VLVLKEVLSMIINAAYKPGRLRELQLVEDPHWNFQEEETLKAKYRGKTYRAVVKIVRTSDQVANFCRRVC
AKLECCPNLFSPLISENCPENCISHTKTKYTYYYGKRKKISKPPIGESNPDSGHPKPARRRRKRKSIFV
QKKRRSSAVDFTAGSGEESEEDADAMDDDTASEETGSELRDDQDTSSAEVPSARPRRAVTLRSGSEP
RRPPPERTRRGRGAPAASSAEEGEKCPPTKPEGTEDTKQEEEEERLVLESNPLEWTVTDVVRFIKLTDCAP
LAKIFQEQDIDGQALLLTLPTVQECMELKLGPAIKLCHQIERVKVAFYAQYAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

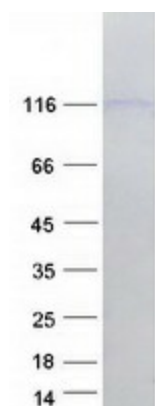
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq:	<u>NP_001025051</u>
RefSeq Size:	4363
RefSeq ORF:	2682
Locus ID:	57713
UniProt ID:	<u>Q5VUG0</u>
Cytogenetics:	10p14
Summary:	Transcriptional repressor of HOXB13 gene.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SFMBT2 protein (Cat# [TP318680]). The protein was produced from HEK293T cells transfected with SFMBT2 cDNA clone (Cat# [RC218680]) using MegaTran 2.0 (Cat# [TT210002]).