

Product datasheet for PH321084

SAMD14 (NM_174920) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SAMD14 MS Standard C13 and N15-labeled recombinant protein (NP_777580)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221084
Predicted MW:	47.9 kDa
Protein Sequence:	>RC221084 representing NM_174920 Red=Cloning site Green=Tags(s)

MASSKLRPEVDFDLAVPETARLDSSLHKARAQLLAKGRRHRPSRSRLRDSASSAEDGEGSDGPGGK
VTDGCGSPLHRLRSPHSGPGSPAGGSFCLDPPGLRRSLDEDEPPPSPLTRYRPLHNAASHEGLAAASCS
PPRSAPSSDSSPSFVRRHPRAEPHSEDDSRDASPPEPASPTIGLDKKTRRKFLDLGVTLRRASTGKSRIE
KGSNRLSMGSRRESVEGSGRSGGSPFLPFSWFTDSGKGSASSGTTSPTCSPKHEGFSPKKSASQAQLLAH
AQEALSNWCLVQDFGSTQIGMESTLSDSTPPSSSPKIPSGPWQEAACSYPHYTLSSQSSDEFLEPLPP
VHHWTSQQVQWLQSLNLEQYAAEFAARQVQGPQLQLDGSKLSLGLSNSHDRALVKKRKLKEMAAAAEK
ERKAQEKAARQREKLRREQEAKKS

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.
RefSeq:	<u>NP_777580</u>
RefSeq Size:	1893
RefSeq ORF:	1335
Locus ID:	201191

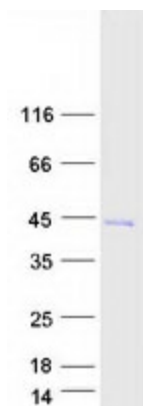


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UniProt ID: Q8IZD0

Cytogenetics: 17q21.33

Product images:



Coomassie blue staining of purified SAMD14 protein (Cat# [TP321084]). The protein was produced from HEK293T cells transfected with SAMD14 cDNA clone (Cat# [RC221084]) using MegaTran 2.0 (Cat# [TT210002]).