

Product datasheet for PH317500

SAMD7 (NM_182610) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SAMD7 MS Standard C13 and N15-labeled recombinant protein (NP_872416)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217500
Predicted MW:	48.9 kDa
Protein Sequence:	>RC217500 representing NM_182610 Red=Cloning site Green=Tags(s)

MAVNPLLTPGQQTIIPLIPSPFGPPTVDRDVLPTVAPTDRQFCVPSQFGSSVLPNTNMANVLSRIYP
 GWGILPPESIKAVARRNEMIQRHHTARTEMEMYAIYQRRMEKINPKGLAGLGIPFLYGSSVPAAPAAAYH
 GRSMLPAGDLHFHRTLRLNLQGNPMLAATAPHFEESWGQRCRRLRKNTGNQKALDSAESSKSQAEEKIL
 GQTHAVPYEEDHYAKDPDIEAPSNQKSSETNEKPTTALANTCGELEPTHRKPWGSHTTTLKAKAWDDGKE
 EASEQIFATCDEKNGVCPVPRPSLPGTHALVTIGGNLSLDEDIQKWTVDVHSFIRSLPGCSDYAQVFK
 DHAIDGETLPLL TEEHLRGTMLKLGPAKIQSQVSHVGSFMYKKTLSFPIRQAFDQPADTSPLLDPNS
 WSDTMNIFCPQDTIIPKGIERGSMRN

TRTRPLEQKLI 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_872416</u>
RefSeq Size:	2281
RefSeq ORF:	1338
Locus ID:	344658



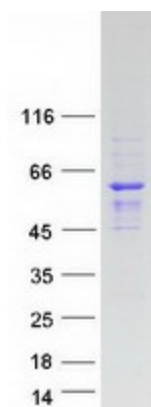
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UniProt ID: [Q7Z3H4](#)

Cytogenetics: 3q26.2

Summary: Involved in the regulation of gene expression in the retina. It functions as a negative regulator of CRX-controlled genes.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SAMD7 protein (Cat# [TP317500]). The protein was produced from HEK293T cells transfected with SAMD7 cDNA clone (Cat# [RC217500]) using MegaTran 2.0 (Cat# [TT210002]).