

Product datasheet for PH301531

FAM50B (NM_012135) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM50B MS Standard C13 and N15-labeled recombinant protein (NP_036267)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201531
Predicted MW:	38.7 kDa
Protein Sequence:	>RC201531 protein sequence Red =Cloning site Green =Tags(s) MAQYKGMTREAGRAMHLLKKRERQREQMEVLKQRIAEETILKSQVDKRFSAHYDAVEAELKSSTVGLVTL NDMKARQEALVREERQLAKRQHLEEQRLQQERQREQEQRRERKRKISCLSFALDDLDDQADAAEARRAG NLGKNPDVDTSFDPDRDREEEENRLREELRQEWEAQREKVKDEEMEVTFSYWDGSGHRRTVRVRKGNVTQ QFLKKALQGLRKDFLELRSAGVEQLMFIKEDLILPHYHTFYDFIARARGKSGPLFSFDVHDDVRLLSDA TMEKDESHAGKVLRWSYEKNKHIFPASRWEAYDPEKKWDKYTIR 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_036267</u>
RefSeq Size:	1618
RefSeq ORF:	975
Synonyms:	D6S2654E; X5L
Locus ID:	26240



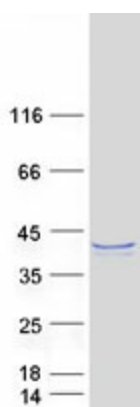
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UniProt ID: [Q9Y247](#), [A0A024QZY3](#)

Cytogenetics: 6p25.2

Summary: This gene contains an intronless ORF that arose from ancestral retroposition. The encoded protein is related to a plant protein that plays a role in the circadian clock. This gene is adjacent to a differentially methylated region (DMR) and is imprinted and paternally expressed in many tissues. [provided by RefSeq, Nov 2015]

Product images:



Coomassie blue staining of purified FAM50B protein (Cat# [TP301531]). The protein was produced from HEK293T cells transfected with FAM50B cDNA clone (Cat# [RC201531]) using MegaTran 2.0 (Cat# [TT210002]).