

## Product datasheet for **TP301531M**

### FAM50B (NM\_012135) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 50, member B (FAM50B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201531 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAQYKGTMREAGRAMHLLKKRERQREQMEVLKQRIAEETILKSQVDRFSAHYDAVEAELKSSTVGLVTL  
NDMKARQEALVRERERQLAKRQHLEEQRLQQRQREQEQRRERKRKISCLSFALDDDDQADAAEARRAG  
NLGKNPDVDTSFDPDRDREEEENRLREELRQWEAQREKVKDEEMEVTFSYWDGSGHRRTVVRKGNVTQ  
QFLKKALQGLRKDFLELRSAGVEQLMFIKEDLILPHYHTFYDFIARARGKSGPLFSFDVHDDVRLLSDA  
TMEKDESHAGKVVLRWSYEKNKHIFPASRWEAYDPEKKWDKYTIR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	38.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_036267</a></u>
Locus ID:	26240



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

RefSeq Size: 1618

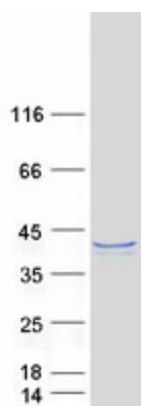
Cytogenetics: 6p25.2

RefSeq ORF: 975

Synonyms: D6S2654E; X5L

**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]).