

## Product datasheet for TP305951M

### FATE1 (NM\_033085) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fetal and adult testis expressed 1 (FATE1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205951 protein sequence Red=Cloning site Green=Tags(s)  MAGGPPNTKAEMEMSLAEELNHGRQGENQEHLVIAEMMELGSRSRGASQKKQKLEQKAAGSASAKRVWNM TATRPKKMGSQLPKRMLRESGHGDAHLQEYAGNFQIRFHYDRNPGTDAVAQTSLEEFNVLEMEVMRRQ LYAVNRRLRALEEQGATWRHRETLIIAVLVSASIANLWLWMNQ  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.5 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:	<a href="#">NP_149076</a>
Locus ID:	89885
UniProt ID:	<a href="#">Q969F0</a>
RefSeq Size:	1071



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Cytogenetics: Xq28

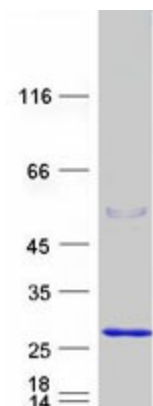
RefSeq ORF: 549

Synonyms: CT43; FATE

**Summary:** This gene encodes a cancer-testis antigen that is highly expressed in hepatocellular carcinomas and other tumors and weakly expressed in normal tissues except testis. The protein is strongly expressed in spermatogonia, primary spermatocytes, and Sertoli cells in seminiferous tubules. This protein may have a role in the control of early testicular differentiation and cell proliferation. [provided by RefSeq, Jan 2010]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified FATE1 protein (Cat# [TP305951]). The protein was produced from HEK293T cells transfected with FATE1 cDNA clone (Cat# [RC205951]) using MegaTran 2.0 (Cat# [TT210002]).