

## Product datasheet for TP305951

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human fetal and adult testis expressed 1 (FATE1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC205951 protein sequence

**Clone or AA** Red=Cloning site Green=Tags(s)

**Sequence:**

MAGGPPNTKAEMEMSLAEELNHGRQGENQEHLVIAEMMELGSRSRGASQKKQKLEQKAAGSASAKRVWNM  
TATRPKKMGSQLPKRMLRESGHGDAHLQEYAGNFQGIRFHYDRNPGTDAVAQTSLEEFNVLEMEVMRRQ  
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:** [NP\\_149076](#)

**Locus ID:** 89885

**UniProt ID:** [Q969F0](#)

**RefSeq Size:** 1071



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Cytogenetics: Xq28

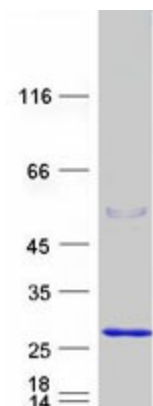
RefSeq ORF: 549

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]).