

# **Product datasheet for TP305951L**

### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

#### FATE1 (NM 033085) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

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

Species: Human Expression Host: HEK293T

**Expression cDNA** >RC205951 protein sequence **Clone or AA** Red=Cloning site Green=Tags(s)

Sequence:

MAGGPPNTKAEMEMSLAEELNHGRQGENQEHLVIAEMMELGSRSRGASQKKQKLEQKAAGSASAKRVWNM TATRPKKMGSQLPKPRMLRESGHGDAHLQEYAGNFQGIRFHYDRNPGTDAVAQTSLEEFNVLEMEVMRRQ

LYAVNRRLRALEEQGATWRHRETLIIAVLVSASIANLWLWMNQ

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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





#### FATE1 (NM\_033085) Human Recombinant Protein - TP305951L

Cytogenetics: Xq28

RefSeq ORF: 549

Synonyms: CT43; FATE

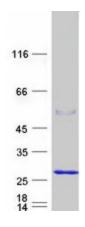
Summary: This gene encodes a cancer-testis antigen that is highly expressed in hepatocellular carcinomas

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]).