

Recombinant Human FATE1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FATE1-5257H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FATE1 MS Standard C13 and N15-labeled recombinant protein (NP_149076) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	20.7 kDa
AA Sequence	MAGGPPNTKAEMEMSLAEELNHGRQGENQEHLVIAEMMELGSRSRGASQKKQKLEQKAAGSASAKRVWNMTATRPKKMGSQLPKPRMLRESGHGDAHLQEYAGNFQGI RFHYDRNPGTDAVAQTSLEEFNVLEMEVMRRQLYAVNRRRLRALEEQGATWRHRET LIIAVLVSASIANLWLWMNQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	FATE1 fetal and adult testis expressed 1 [Homo sapiens (human)]
Official Symbol	FATE1
Synonyms	FATE1; fetal and adult testis expressed 1; fetal and adult testis-expressed transcript protein; cancer/testis antigen 43; CT43; FATE; BJ-HCC-2 antigen; tumor antigen BJ-HCC-2; fetal and adult testis expressed transcript protein;
Gene ID	89885
mRNA Refseq	NM_033085
Protein Refseq	NP_149076
MIM	300450
UniProt ID	Q969F0

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