

Recombinant Mouse Fam3c, FLAG-tagged

Cat. No. Fam3c-2151M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fam3c was produced in <i>HEK 293 cells</i> . Mouse ILEI (interleukin-like EMT inducer) (aa 25-227) is fused at the C-terminus to a FLAG-tag. MW = 25kDa.
Species	Mouse
Source	HEK293
ProteinLength	25-227 a.a.
Description	In 2006, T. Waerner, et al. characterized ILEI as a key player in both epithelial to mesenchymal transition and late-stage carcinoma progression. EMT is a process that involves changes in gene expression, cytoskeleton organization, cell adhesion, and extracellular matrix composition. This process is important during tissue formation and organogenesis, but also during cancer progression, metastasis and chronic inflammation. ILEI is overexpressed and/or altered in intracellular localization in multiple human tumors, an event strongly correlated to invasion/EMT, metastasis formation, and survival in human colon and breast cancer.
Purity	≥95% (SDS-PAGE).
Formulation	Lyophilized. Contains PBS.
Concentration	0.1mg/ml after reconstitution.

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Reconstitution	Reconstitute with 100µl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum.
Endotoxin Content	<0.1EU/g purified protein (LAL test; Bio Whittaker).
Stability	Stable for at least 6 months after receipt when stored at -20°C.
GENE INFORMATION	
Gene Name	Fam3c family with sequence similarity 3, member C [<i>Mus musculus</i>]
Synonyms	Fam3c; family with sequence similarity 3, member C; Ilei; D6Wsu176e; D6Wsu176e protein; interleukin-like EMT inducer
Gene ID	27999
mRNA Refseq	NM_138587
Protein Refseq	NP_613053
UniProt ID	Q91VU0
Chromosome Location	6 A3.1; 6 2.0 cM
Function	molecular_function