

Recombinant Human FAM3C, FLAG-tagged

Cat. No. FAM3C-2150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ILEI (interleukin-like EMT inducer) (aa 25-227) produced in CHO cells fused at the C-terminus to a FLAG-tag, ~25kDa.
Species	Human
Source	CHO
Protein Length	25-227 a.a.
Description	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.
Concentration	0.1mg/ml after reconstitution.
Purity	≥95% (SDS-PAGE).
Formulation	Lyophilized. Contains PBS.
Endotoxin Content	<0.1EU/g purified protein (LAL test; Bio Whittaker).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Reconstitute with 100µl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
Short Term Storage	+4°C.
Long Term Storage	-20°C.
Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.

GENE INFORMATION

Gene Name	FAM3C family with sequence similarity 3, member C [Homo sapiens]
Synonyms	family with sequence similarity 3, member C; ILEI; GS3786; FAM3C; interleukin-like EMT inducer; predicted osteoblast protein
Gene ID	10447
mRNA Refseq	NM_001040020
Protein Refseq	NP_001035109
MIM	608618
UniProt ID	Q92520
Chromosome Location	7q31

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Function

cytokine activity

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