

Human FAM3C / ILEI Protein (His Tag)

Catalog Number: 15678-H08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

GS3786; ILEI

Protein Construction:

A DNA sequence encoding the human FAM3C (NP_055703.1) (Met1-Asp227) was expressed with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Gln 25

Molecular Mass:

The recombinant human FAM3C consists 214 amino acids and predicts a molecular mass of 23.6 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

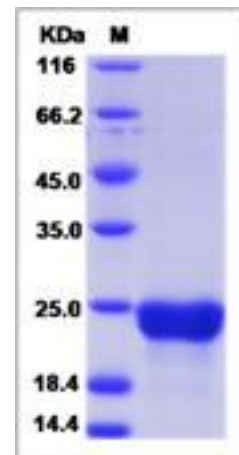
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Protein Description

FAM3C, also known as ILEI, is a member of the FAM3 family. It can be detected in present in most secretory epithelia. FAM3C may be involved in retinal laminar formation. It promotes epithelial to mesenchymal transition. A change in expression of FAM3C has been noted in pancreatic cancer-derived cells. 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.

References

1. Zhu Y. et al., 2002, Genomics. 80 (2): 144-50. 2. Strausberg RL. et al., 2003, Proc Natl Acad Sci. 99 (26): 16899-903. 3. Quémener-Redon S. et al., 2003, Nature. 424 (6945): 157-64.

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