

## FAM3C Protein, Human (203a.a, HEK293, His)

Cat. No.:	HY-P70885
Synonyms:	Protein FAM3C; Interleukin-Like EMT Inducer; FAM3C; ILEI
Species:	Human
Source:	HEK293
Accession:	Q92520 (Q25-D227)
Gene ID:	10447
Molecular Weight:	20-25 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>Q V F E I K M D A S      L G N L F A R S A L      D T A A R S T K P P      R Y K C G I S K A C</p> <p>P E K H F A F K M A      S G A A N V V G P K      I C L E D N V L M S      G V K N N V G R G I</p> <p>N V A L A N G K T G      E V L D T K Y F D M      W G G D V A P F I E      F L K A I Q D G T I</p> <p>V L M G T Y D D G A      T K L N D E A R R L      I A D L G S T S I T      N L G F R D N W V F</p> <p>C G G K G I K T K S      P F E Q H I K N N K      D T N K Y E G W P E      V V E M E G C I P Q</p> <p>K Q D</p>
<b>Appearance</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2 or 20 mM Citrate, 8% Trehalose, 5% Mannitol, 0.05% Tween 80, pH 4.5.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	FAM3C Protein emerges as a potential contributor to distinct cellular processes, with suggested involvement in retinal laminar formation, emphasizing its role in retinal development. Additionally, FAM3C is implicated in promoting epithelial to mesenchymal transition (EMT), indicating its potential impact on cellular differentiation and tissue remodeling. The dual nature of FAM3C's functions, spanning retinal development and EMT processes, underscores its versatility in influencing fundamental aspects of cellular behavior. Delving deeper into the specific mechanisms by which FAM3C modulates retinal
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laminar formation and EMT could provide valuable insights into its role in tissue development and remodeling, offering potential avenues for understanding its broader implications in physiological and pathological contexts.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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