

FAM3D Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76329
Synonyms:	Protein FAM3D; FAM3D; Protein EF-7; OIT1
Species:	Mouse
Source:	HEK293
Accession:	P97805 (Y26-M223)
Gene ID:	18300
Molecular Weight:	Approximately 23 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	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.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	FAM3D Protein belongs to the FAM3 family. It is a member of the ephrin family, which consists of proteins that play crucial roles in cellular signaling and communication. FAM3D specifically functions as a transmembrane ligand, interacting with its corresponding Eph receptor to initiate bidirectional signaling events that regulate a wide range of cellular processes. This protein is involved in various developmental processes such as tissue boundary formation, axon guidance, angiogenesis, and synaptic plasticity. Furthermore, FAM3D has been implicated in several pathological conditions, including cancer, cardiovascular diseases, and neurological disorders, thereby making it a potential target for therapeutic intervention.
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Caution: Product has not been fully validated for medical applications. For research use only.

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