

TMEM219/IGFBP-3R Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77962
Synonyms:	IGFBP-3R; GFBP3R; LOC124446; TMEM219
Species:	Human
Source:	HEK293
Accession:	Q86XT9 (S39-R204)
Gene ID:	124446
Molecular Weight:	60-70 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	TMEM219, also known as IGFBP-3R, serves as a cell death receptor with specificity for insulin-like growth factor binding protein 3 (IGFBP3). This receptor is implicated in potentially mediating caspase-8-dependent apoptosis upon binding with its ligand, IGFBP3. The direct interaction between TMEM219 and IGFBP3 underscores its role in transducing signals related to cell survival and death pathways. Additionally, TMEM219 interacts with caspase-8, further suggesting its involvement in regulating apoptotic processes, potentially through the caspase-8-dependent pathway.
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Caution: Product has not been fully validated for medical applications. For research use only.

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