

RPES8342

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## Product Information

<b>Product SKU:</b>	RPES8342	<b>Expression Host:</b>	Mammalian	<b>Size:</b>	20µg
<b>Tag:</b>	C-Fc	<b>Reactivity:</b>	Human	<b>Accession:</b>	Q9UGM5

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## Additional Information

<b>Calculated MW:</b>	65.3 kDa	<b>Observed MW:</b>	75-80 kDa
<b>Sequence:</b>	Cys16-Pro382		

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## Protein Information

**Background:** Fetuin-B, also known as Fetuin-like protein IRL685 and FETUB, is a secreted protein which belongs to the fetuin family. Fetuin-B / FETUB contains two cystatin domains. Fetuin-B is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption. Fetuin-A has been identified as a major protein during fetal life and is also involved in important functions such as protease inhibitory activities and development-associated regulation of calcium metabolism and osteogenesis. Fetuin-A is a key partner in the recovery phase of an acute inflammatory response. Fetuin-B / FETUB is found at least in Human and rodents. It is unambiguously a paralogue of Fetuin-A. Fetuin-A and Fetuin-B exhibit significant differences at the amino acid sequence level, notably including variations with respect to the archetypal fetuin-specific signature.

**Synonyms:** 16G, IRL, 16G2, 2310011O17Rik, AI255764, D17980, Fet, Fetuin beta, Fetuin-B, Fetuin-like protein, Fetuin-like protein IRL685, Gugu, IRL685, Pp63, FETUB

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

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

**Bio-Activity:** Not validated for activity

**Storage:**

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.