



Recombinant Protein Technical Manual
Recombinant Mouse Fetuin-B/FETUB Protein (His
Tag)
RPES1149

Product Data:

Product SKU: RPES1149

Size: 50µg

Species: Mouse

Expression host: HEK293 Cells

Uniprot: Q9QXC1

Protein Information:

Molecular Mass: 42.3 kDa

AP Molecular Mass: 55-60 kDa

Tag: C-His

Bio-activity:

Purity: > 97 % as determined by SDS-PAGE

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

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile 20mM Tris, 150mM NaCl, pH 7.5

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: 2310011O17Rik;AI255764;D17980;Gugu

Immunogen Information:

Sequence: Met 1-Pro 388

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.