



Recombinant Protein Technical Manual

Recombinant Human FIBP Protein

RPES3759

Product Data:

Product SKU: RPES3759

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: O43427-2

Protein Information:

Molecular Mass: 41.8 kDa

AP Molecular Mass: 41 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 50mM TrisHCl, pH8.0.

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

Application:

Synonyms: Acidic Fibroblast Growth Factor Intracellular-Binding Protein; aFGF Intracellular-Binding Protein; FGF Intracellular-Binding Protein; FIBP

Immunogen Information:

Sequence: Met 1-Asp357

Background:

Acidic Fibroblast Growth Factor Intracellular-Binding Protein (FIBP) is highly expressed in the heart, skeletal muscle, and pancreas. Acidic Fibroblast Growth Factor is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FIBP is an intracellular protein that binds selectively to acidic fibroblast growth factor (aFGF). It is postulated that FIBP may be involved in the mitogenic action of aFGF.