Human Fibronectin protein

**Catalog Number:** MBS947867

**Alternative name:** FN1

**Mol. Weight:** 11KD

**Presentation:** Liquid, dissolved in 20mM Tris-HCl, 500mM NaCl, pH 8.0, 50% glycerol

**Source:** E. coli

**Tag Info:** his-tag

**Seq Pos:** 627-688

**AA sequence:** PIQWNAPQPSHISKYLRWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVYEGQLISIQYG

**Stability & Storage:** Aliquot and store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles

**Purity:** >90% by SDS-PAGE

**Application:** Calibrator or standard in ELISA and other possible application.

**Relevance:** Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization. Participates in the regulation of type I collagen deposition by osteoblasts.

!FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES!