

### 32-1338: IGF1 GST Recombinant Protein

**Alternative Name :** Somatomedin C,IGF-I,IGFI,IGF1,IGF-IA,Mechano growth factor,MGF.

#### Description

Source : Escherichia Coli. IGF1 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain fused to a GST tag and is purified by proprietary chromatographic techniques. The somatomedins, or insulin-like growth factors (IGFs), comprise a family of peptides that play important roles in mammalian growth and development. IGF1 mediates many of the growth-promoting effects of growth hormone (GH; MIM 139250). Early studies showed that growth hormone did not directly stimulate the incorporation of sulfate into cartilage, but rather acted through a serum factor, termed 'sulfation factor,' which later became known as 'somatomedin' (Daughaday et al., 1972). Three main somatomedins have been characterized: somatomedin C (IGF1), somatomedin A (IGF2; MIM 147470), and somatomedin B (MIM 193190) (Rotwein, 1986; Rosenfeld, 2003).

#### Product Info

**Amount :** 5 µg  
**Content :** IGF1 is supplied in 50mM Tris-Acetate, pH-7.5, 1mM EDTA and 20% Glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

