

## 37-1322: Human FGF8a / FGF-8a Recombinant Protein(Discontinued)

**Reactivity :** Human

**Alternative Name :** AIGF Protein, FGF-8 Protein, HBGF-8 Protein, HH6 Protein, KAL6 Protein,

### Description

#### Source : E. coli

In mammalian embryos, transient Fgf8 expression defines the developing isthmic region, lying between the midbrain and the first rhombomere, but there has been uncertainty about the existence of a distinct isthmic segment in postnatal mammals. Retinoic acid (RA) directly represses Fgf8 through a RARE-mediated mechanism that promotes repressive chromatin, thus providing valuable insight into the mechanism of RA-FGF antagonism during progenitor cell differentiation. Fgf8 encodes a key signaling factor, and its precise regulation is essential for embryo patterning.

### Product Info

**Amount :** 8a Recombinant Protein(Discontinued) / 200 µg

**Purification :** > 95 % as determined by SDS-PAGE.

**Content :** Formulation Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

**Storage condition :** Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Amino Acid :** Gln23-Arg204

### Application Note

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.8-3.3 Åµg/mL.

Other pack size also available.

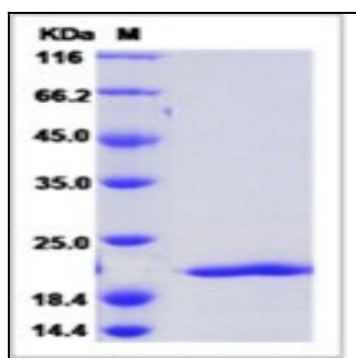


Fig 1: Human FGF8a / FGF-8a Recombinant Protein

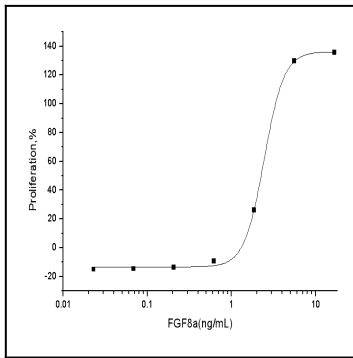


Fig 2: Human FGF8a / FGF-8a Recombinant Protein measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts.