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37-1324: Human FGF-8b / FGF8B 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 :	8b / FGF8B Recombinant Protein(Discontinued) / 50 µg
Purification :	> 95 % as determined by SDS-PAGE.
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 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-Arg215

Application Note

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.4-1.6 µg/mL.
Other pack size also available.

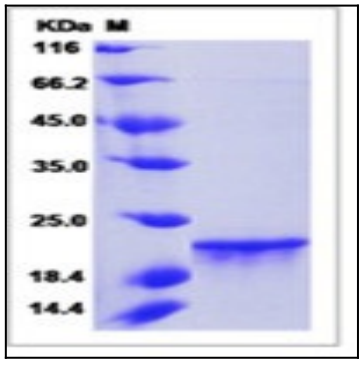

Fig 1: Human FGF-8b / FGF8B Recombinant Protein

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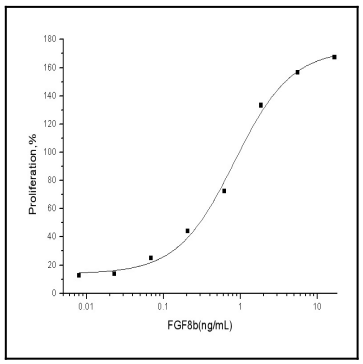

Fig 2: Human FGF-8b / FGF8B Recombinant Protein measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts.