Recombinant Mouse bFGF/FGF2 Protein (His Tag)

Catalog Number: PKSM040952



Species Mouse Mol_Mass 17.2 kDa Accession P15655 Bio-activity Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is <	Note: Centrifuge befo	re opening to ensure complete recovery of vial contents.
Mol_Mass 17.2 kDa Accession P15655 Bio-activity Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is < ng/mL. The specific activity of recombinant mouse FGF-2 is approximately >1 x 10 ⁶ U/mg. Properties Purity > 98 % as determined by reducing SDS-PAGE. Endotoxin < 0.1 EU per µg of the protein as determined by the LAL method. Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to - °C. Reconstituted protein solution can be stored at 4.8°C for 2-7 days. Aliquots of reconstituted samples are stable at <-20°C for 3 months. Shipping This product is provided as lyophilized protein saftsoxl,pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. Please refer to the printed manual for detailed information. Data	Description	
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> 98 % as determined by reducing SDS-PAGE.

Background

Basic fibroblast growth factor (bFGF), also known as FGF2, is a member of the fibroblast growth factor (FGF) family. It is a highly specific chemotactic and mitogenic factor for many cell types, appears to be involved in remodeling damaged tissue, such as ulcer healing, vascular repair, traumatic brain injury (TBI). bFGF is a critical component of human embryonic stem cell culture medium. In addition, bFGF protein is a heparin-binding cationic protein involved in a variety of pathological conditions including angiogenesis and solid tumour growth. Thus, bFGF is regarded as a target for cancers chemopreventive and therapeutic strategies. bFGF/FGF2 Protein & amp; Antibody Products

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