

ARG70110 Human FGF3 recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (C-ter) Active Human FGF3 recombinant protein
Tested Application	SDS-PAGE
Target Name	FGF3
Species	Human
A.A. Sequence	Asp28 - Arg212
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 78 ng/mL.
Alternate Names	FGF-3; Fibroblast growth factor 3; Heparin-binding growth factor 3; Proto-oncogene Int-2; INT2; HBGF-3

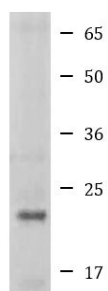
Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FGF3
Gene Full Name	fibroblast growth factor 3
Background	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified by its similarity with mouse fgf3/int-2, a proto-oncogene activated in virally induced mammary tumors in the mouse. Frequent amplification of this gene has been found in human tumors, which may be important for neoplastic transformation and tumor progression. Studies of the similar genes in mouse and chicken suggested the role in inner ear formation. [provided by RefSeq, Jul 2008]
Function	Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Required for normal ear development. [UniProt]

Images



Human FGF3
recombinant protein

ARG70110 Human FGF3 recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70110 Human FGF3 recombinant protein (Active) (His-tagged, C-ter).