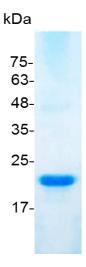
PRODUCT INFORMATION

FGF-12 (Fibroblast growth factor-12), Human

Catalog number	C01103-5UG / C01103-20UG / C01103-100UG
Package	5 μg / 20 μg / 100 μg
Description	Fibroblast growth factor 12 (FGF-12) is a member of the FGF superfamily of molecules which contains at least 22 members. 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. The specific function of FGF12 gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported.
Source	Escherichia coli
Sequence	MESKEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTKDENSDYTLFNLIPVGLRVV AIQGVKASLYVAMNGEGYLYSSDVFTPECKFKESVFENYYVIYSSTLYRQQESG RAWFLGLNKEGQIMKGNRVKKTKPSSHFVPKPIEVCMYREPSLHEIGEKQGRS RKSSGTPTMNGGKVVNQDSTwith polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce 3T3 cells proliferation. The ED $_{50}$ for this effect is <2 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 100 μ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human FGF-12

For Research Use Only.