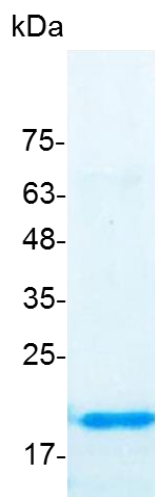


PRODUCT INFORMATION
FGF-6 (Fibroblast growth factor-6), Human

Catalog number	C01096-5UG / C01096-20UG / C01096-100UG
Package	5 µg / 20 µg / 100 µg
Description	FGF-6 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. FGF-6 is upregulated in injured skeletal muscle and is required for muscle regeneration. FGF-6 inhibits the terminal differentiation of myoblasts and also cooperates with TGF-beta 2 to promote chondrogenesis in embryonic somites.
Source	<i>Escherichia coli</i>
Sequence	MGTRANNTLLDSRGWGTLSSRSRAGLAGEIAGVNWESGYLVGIKRQRRLYCN VGIGFHLQVLPDGRISGTHEENPYSLLLEISTVERGVVSLFGVRSALFVAMNSKG RLYATPSFQEECKFRETLNPNYNAYESDLYQGTYIALSKYGRVKRGSKVSPIM TVTHFLPRI with 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 <0.1 ng/mL. The specific activity of recombinant human FGF-6 is > 1 x 10 ⁷ IU/mg
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 3.5.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/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 two weeks after protein reconstitution.



SDS-PAGE analysis of recombinant human FGF-6

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