ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Fibroblast Growth Factor-8 Human Recombinant

Item Number	rAP-2198
Synonyms	FGF8B, FGF-8B, FGF8-B, KAL6, HBGF-8, HBGF8, AIGF, HBGF-8, MGC149376, fibroblast growth factor 8.
Description	FGF-8 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 30-45kDa due to glycosylation.The FGF8 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P55075
Amino Acid Sequence	
Source	HEK.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized FGF-8 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF8 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	The FGF-8 was lyophilized in 10mM Tris-HCl pH 7.4 and 800mM NaCl. Greater than 95% as obsereved by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized FGF8 in sterile water containing 0.1% endotoxin-free recombinant HSA.
Biological Activity	The specific activity was determined by the dose-dependent stimulation of the proliferation of the Balb/3T3 cell line, the ED50 is <60ng/ml.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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