

Recombinant Human aFGF (*E.coli*-expressed)

Catalog Number: Y05421H

Characteristics:

Source	<i>E.coli</i>
Description	Human aFGF (F16-D155) Accession # NP_001127073.1
Predicted molecular mass	15.8kDa

Specification:

Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast Cells. The ED ₅₀ for this effect ≤2.0 ng/mL.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing 20mM PB, 5% Trehalose, 100mM NaCl and 0.05% Tween 80, pH 6.0
Size	10 μg/vial, 50μg /vial, 1 mg/vial

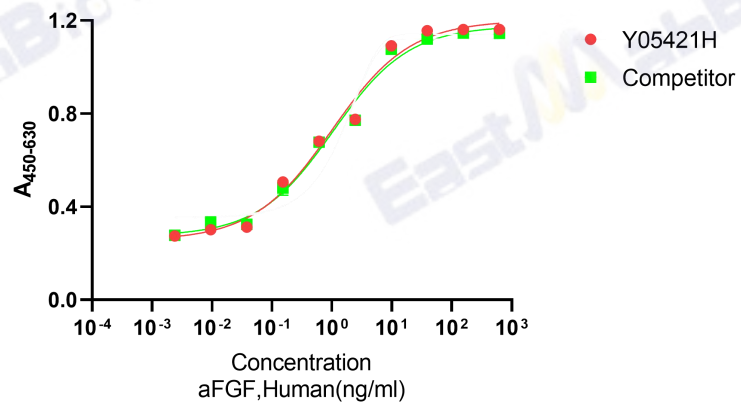
Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

V1.0

Bioactivity



Measured in a cell proliferation assay using NIH3T3 cells.